

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

							Rs.	A.	P.
Approximate earnings for week ending 19th March 1887	...	...	...	...	...	...	7,369	0	0
Corresponding week last year	...	...	...	...	...	...	9,517	0	0
Decrease	...	...	...	...	...	...	2,158	0	0
Receipts from 1st January to 19th March 1887	...	...	...	...	...	...	65,885	0	0
From 1st January to 20th March 1886	...	...	...	...	...	...	79,576	0	0
Decrease	...	...	...	...	...	...	13,691	0	0
Miles open, week ending 19th March 1887	...	...	...	...	...	...	Miles.		
Corresponding week last year	...	...	...	...	...	...	51		
Increase	...	...	...	...	...	...	50½		
Receipts per mile open, week ending 19th March 1887	...	...	...	...	...	...	4		
Corresponding week last year	...	...	...	...	...	...	Rs.		
Decrease	...	...	...	...	...	...	144 4 8		
	...	...	...	...	...	...	187 8 8		
	...	...	...	...	...	...	43 4 0		

CHIEF OFFICE, DARJEELING, the 28th March 1887.

W. STEVENSON, Secretary, D.-H. Ry.



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, APRIL 13, 1887.

OFFICIAL PAPERS.

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Proceedings of the Council of the Lieutenant-Governor of Bengal for the purpose of making Laws and Regulations.

Saturday, the 2nd April, 1887.

Present:

The HON. SIR RIVERS THOMPSON, K.C.S.I., Lieut.-Govr. of Bengal, *President*.
 The HON. G. C. PAUL, C.I.E., Advocate-General.
 The HON. C. P. L. MACAULAY, C.I.E.
 The HON. T. T. ALLEN.
 The HON. SIR HENRY HARRISON.
 The HON. SIR ALFRED CROFT, C.I.E.
 The HON. MOULVIE ABDUL JUBBAR.
 The HON. G. IRVING.
 The HON. ANUNDO MOHUN BOSE.
 The HON. BABU KALLY NATH MITTER.
 The HON. DR. MAHENDRA LAL SIRCAR, C.I.E.

CALCUTTA PORT TRUST AMENDMENT BILL.

The HON. MR. MACAULAY, in moving that the Report of the Select Committee on the Bill to amend the Calcutta Port Improvement Act, 1870, be taken into consideration in order to the settlement of the clauses of the Bill, said:—He need only point out to the Council two main alterations which had been made in the Bill. In the first instance, the Committee had thought that the system of election would be made more complete if some reciprocity was recognised in

the arrangement which the Select Committee on the Municipal Bill proposed of allowing the Port Commissioners to elect a certain proportion of the Commissioners of the Town of Calcutta. They thought that by allowing the Town Commissioners to elect a member of the Port Commission, they would at once secure the counterpart of this arrangement, and provide for some representation of local interests on the Board. The next point was the consideration which was laid before them by members of the existing Port Trust, who represented that it would be extremely inconvenient if the Bill brought about at once a system of general election, and that continuity of experience in the Port Trust was a matter of such great importance that it would be desirable to allow the appointments of existing members to run for the term for which they were originally made. The Committee proposed accordingly that, as vacancies fell in, they should be filled up by election by the bodies who informally were now represented on the Board by such members. He moved that the clauses of the Bill be considered for settlement in the form recommended by the Select Committee.

The motion was agreed to.

The HON. MR. ANUNDO MOHUN BOSE moved that, in the last clause of section IV, the words "not less than" be inserted before the word "two." He said the proviso to this section enacted that when all the vacancies in the number of Commissioners appointed under Bengal Act V of 1870 had been filled under the first four clauses of section X, two of the Commissioners should be natives of India residing in Calcutta or Howrah. He believed the object was to provide that at least two of the Commissioners should be natives of India, and not to fix two as the statutory number of which the representation of native interests should consist. In fact, if the latter were the object, it would hardly be effected by the Bill as it stood; and for this reason, that where there was a system of election more than two natives of India might come in by election. He might state that that was also the language in the Bombay Act, in which it was provided that not less than three Commissioners should be natives of India.

The HON. MR. MACAULAY said he had no objection to the amendment. It was intended that two should be recognised as the minimum number, and, perhaps, it would be better to adopt the Hon. Member's proposal.

The motion was carried, and the section, as amended, was agreed to.

The HON. MR. ANUNDO MOHUN BOSE moved that to paragraph 4 of section V the following be added:—

"And one shall be elected by such body, bodies or firms representing the native commercial community of Calcutta as the Local Government may, with the previous sanction of the Governor-General in Council, from time to time direct. In the first three cases, the election shall be held."

He said he trusted it would be possible for the Council to accept this amendment, which he submitted was a very small and a very moderate one, and he hoped it might be possible by accepting it to make a concession to the expression of native as well as of Anglo-Indian public opinion on the subject, and also to the just requirements of the case. The amendment did not introduce any new proposal. All that it suggested was that, the Bill having affirmed the principle that there should be at least two native members on the Port Commission, one of these members should be a direct and accredited representative of the native commercial community of Calcutta. He believed this would save the Government some responsibility, and the rather invidious task of selecting a native gentleman to represent native commercial interests. The Government accepted the principle of there being two native members on the Port Commission. It also accepted the principle of election as far as the Chamber of Commerce and the Trades' Association and the Municipal Corporation were concerned. It laid down that instead of the members of these bodies being selected in an informal way, as at present, they should be allowed to say whom they wanted to have on the Port Trust to represent their interests; and it was eminently desirable that the same concession should be made in favour of the native commercial community. It was pointed out in the Report of the Select Committee, in connection with the memorial received from the National Chamber of Commerce, that it was a body which had not existed long, and that its status was not sufficiently known to justify this power being placed in its hands. He entirely appreciated that difficulty, but he submitted that it

might be met in the way he had indicated, in a way which was not of his own suggesting, but which he had taken from a Bill which had been passed by this Council only last Saturday, namely, the Chittagong Port Trust Bill. There also there was a difficulty felt owing to the fact of no organization being in existence which could send some elected representative to the Port Commission; and therefore, in order to give effect to the principle of representation, the Council adopted the expedient which he had followed in this amendment. That was a precedent to which he appealed in favour of his amendment, the language of which also was virtually taken from section V of that Act. And he might also point out that in the Port of Calcutta, not only was a large amount of revenue derived from the foreign trade, from the jetties and quays to which steamers and ships resorted, but tolls to the extent of nearly Rs. 4,00,000 were derived annually from the inland vessels or boat wharves or boat wharves at which the inland trade was carried on. The exact figures in the last report were these. The revenue derived from the foreign trade at the jetties, including "miscellaneous," was stated to be Rs. 9,09,758 and odd, while the tolls received at the inland wharves from boats was Rs. 3,93,587. On these grounds he hoped the Council would accept this amendment, which did not limit the Government to any particular body, though it was to be hoped that the recently-constituted body would show signs of vitality and justify the Government in conferring the privilege of election upon it. But in any case, the Government would have no difficulty in finding a suitable electorate for the purpose, as indicated in his amendment.

The Hon. MR. MACAULAY said that he regretted he was unable to recommend to the Council the adoption of this amendment. The Hon. Member had rightly pointed out that his amendment followed the provision made in the Port Trust Bill for Chittagong, but Mr. Macaulay was wholly unable to follow him in the comparison which he sought to establish between the course which the Council adopted then and that which they were asked to adopt now. When he had the honour of laying that measure before the Council, he explained that selection by Government or local bodies or firms to exercise the elective franchise was the only practicable expedient, but that it was a very clumsy expedient. The desire was to give the right of election to the representatives of the commerce of the port. But though there would no doubt some day be a Chamber of Commerce at Chittagong, at present there was none, and the only alternative to abandoning the elective principle altogether was the very awkward expedient of leaving the Government to select certain firms, and allowing them to exercise the franchise. Had there been a Chamber of Commerce at Chittagong, or any body to represent commercial interests, no mention would have been made of the selection of firms. Yet in a Bill which related to the Port of Calcutta, where there was a long-established Chamber of Commerce, where there was an incorporated Trades' Association, and an enlightened and powerful Municipality—in a Bill which provided for a more elaborate system of election to the Port Trust than any other measure of the kind on the Indian Statute book—his hon. friend proposed to introduce a provision from a measure which related to one of the smallest ports of India—a measure which owed its elementary character, so far as the provision for election was concerned, to the very circumstance that the port had not reached the point of commercial representation at all. For this reason, on the ground of form only, he would ask the Council to reject the amendment.

His hon. friend appeared rightly to recognise that the effect of the amendment would be that the right of election would be given to the National Chamber of Commerce. Clearly that would be the result, because the only other alternative would be one which it would be very difficult for the Government to accept. As there was no other native commercial body than the National Chamber of Commerce, if that body was not allowed the right of election, then the Government would have a task to fulfil, which might be easy enough in Chittagong, where there were but five or six mercantile firms, but which would be very difficult in Calcutta. It would have to select from the numerous native firms in this great city a sort of *corps d'élite*, who would have the right of election, to the exclusion of all others. This duty, like all other unpleasant duties, would fall on the Government, and he apprehended that if the Council laid this duty on the Government of Bengal, it would be doing an act which might not tend to promote friendly feelings between the Council and their

incoming President. He thought it would have been better if his hon. friend had proposed in plain words to give this right to the National Chamber of Commerce. In support of his views, the hon. member had referred to certain figures, but Mr. Macaulay would remind him that the question was not whether native commercial interests should be recognised—a point on which all were agreed—but whether this particular body should be recognised, by law, as the accepted representative of those interests. He might mention that he had had the honour the other day of receiving a deputation of four very intelligent gentlemen, members of this new body—the President, two members, and the Secretary—who made a suggestion very much like that embodied in the amendment. But after Mr. Macaulay had pointed out to them the difficulties in the way, he understood them to withdraw the suggestion. He had then discussed with them generally the question whether the request contained in their memorial, which was now before the Council, could be complied with, and he had pointed out to them that the Legislature would probably find great difficulty in giving legal status and recognition to a body like theirs, which, though it bore many honourable names, had been very recently established, and had not yet had the opportunity of showing by its working how far it possessed the elements of stability, or how far it was really accepted and acknowledged by the native merchants as the guardian of their interests and the exponent of their views. He had recommended them, from himself, to work quietly for a time, and by their working to justify them hereafter in approaching the Government with the prayer that their claim to be represented on the Port Trust might be recognised by the Legislature. He understood them to accept that advice. As he had pointed out, it was not a question of the representation of native interests, because provision had been made that two members of the Port Trust should be natives, and his hon. friend only proposed that one of these two should be elected in the manner suggested. He could safely say that the Government would always endeavour to select as much as possible, under the Act, a genuine representative of native commercial interests. He mentioned this, not because he wished in any way to detract from the force of anything which had been said, but to show that the memorial of the National Chamber of Commerce had been duly considered. On the merits of the amendment he hoped the Council would reject it.

The HON. BABU KALLY NATH MITTER said that, as one of the members of the Select Committee, it would not be out of place if he said a few words on this subject. This representation of the National Chamber of Commerce was laid before the Committee, and they were unanimously of opinion that this body had not been in existence for such a length of time, and that its status was not such, as to justify the power of election being vested in it by law; and it was only on that ground that the Committee, though it was anxious to give representation to this body, had come to the conclusion, after much deliberation, that they would not be justified in giving it that status by legislation. He thought there was a good deal in what the hon. member in charge of the Bill had said with reference to the comparison which the hon. mover of the amendment had drawn between Calcutta and Chittagong. It seemed to him that it would be an awkward thing for Government to determine to what native firms in this city the power of election should be given. On principle, he was entirely with the hon. member that the native commercial interest should be represented in the Calcutta Port Trust by election, and he hoped that when the time came for the Acts relating to the Port Trust to be consolidated, the claims of this body, if it then showed signs of vitality, would be reconsidered.

The HON. MR. ANUNDO MOHUN BOSE said in reply that the effect of adopting the amendment would not necessarily be, as the hon'ble member in charge of the Bill seemed to apprehend, the recognition of the Bengal National Chamber of Commerce. He was not speaking as the champion of that body. With regard to the alleged difficulty in the selection of native firms, he would draw the attention of the Council to an important letter from the British Indian Association, in which a scheme was sketched out, by which, without the Government committing itself in the slightest degree to the recognition of the newly-started National Chamber of Commerce, the principle of giving direct representation to the native commercial community might be easily

acted upon. The Association pointed out that all merchants who paid a certain amount to the municipality, by way of license to carry on their business, might be recognized and constituted into an electoral body, and they might be asked to elect some members of the Port Commission. Therefore it was plain that if this amendment were accepted, the Government would not be under the necessity of recognizing this new body, but would be able to give effect to the principle of election, the importance of which he was glad to see admitted. Not only as regards the total amount received in the shape of tolls, but also as regards the net amount of revenue derived from inland trade, he found that it amounted to Rs. 1,47,000, as against Rs. 2,96,000 from the foreign trade; and there also the proportion was maintained, showing that one-third of the income of the Port was derived from this source. It would be a matter of deep regret if an interest so large and important should be passed over without its representatives getting the power of returning even one member to the Commission.

The motion was put and negative.

The HON. SIR HENRY HARRISON moved that in section X, clause 3, for "is caused by the Chairman of the Commissioners of the Town of Calcutta ceasing to act," read "is caused by a Commissioner other than the Chairman of the Commissioners of the Town of Calcutta, who, at the time of his appointment, was a Commissioner of the Town of Calcutta, ceasing to act."

He said that the words which he proposed to alter clearly embodied a principle, and not merely a convenient expedient. He would first point out the principle embodied, and then contend that it was a wrong one, and that the object of his amendment was to suggest the right one. The Select Committee had given the right of electing one member to the Municipality of Calcutta, and the words which he objected to were that this right should be exercised when a vacancy occurred on the Board "by the Chairman of the Commissioners of the Town of Calcutta ceasing to act" as a member of the Port Trust. He submitted that that was clearly an indication of the view of the Legislature, that the vacancy thus caused corresponded with the election to be made. The making their election dependent upon the vacancy caused by their Chairman clearly suggested that the Port Commissioner to be elected should be the substitute for the Chairman. He thought it was equally clear that that was a wrong principle for the Council to adopt. The work done by the Municipal Chairman as a Port Commissioner was radically and substantially different from that which the representative of the Town of Calcutta should do. The Chairman of the Town Corporation had from the outset been appointed a member of the Port Trust, and the Municipal Act had always contemplated the probability of his being so appointed. The work of the Town Commissioners came into contact with that of the Port Commissioners all along the line, and the establishments of the one with the establishments of the other; and to avoid the friction which otherwise might ensue, it was desirable that the Chairman of the Municipal Commissioners should be a member of the Port Trust, so that he might be consulted *in camera*, instead of embarrassment being caused by correspondence. It was also clearly desirable that the Commissioner of Police should be on the Port Trust, as many police questions arose in which the Commissioner of Police had been able specially to arrange matters. The object of giving the election of a member of the Port Trust to the Town of Calcutta was, Sir Henry Harrison submitted, substantially and fundamentally different. What had just been stated by the hon. member in charge of the Bill in reply to the motion of the hon. member opposite (the Hon. Mr. Anundo Mohun Bose,) that the native commercial interest would not be unrepresented, as the Municipal Commissioners might elect a native merchant—

[The HON. MR. MACAULAY observed that he had certainly no intention of saying that a member elected by the Municipal Corporation could be regarded as representing native commercial interests, and he believed that he had not said so.]

The HON. SIR HENRY HARRISON continued—Obviously the interests which the member elected by the Municipal Commissioners on the Port Trust were those of the resident community of Calcutta. The action of the Port Commissioners frequently affected the value of property in the town. It had been pointed out that the construction of tea warehouses and other buildings by the Port Trust affected the rents of houses in town and the tea sales in town, and he had little doubt that the Calcutta Commissioners, if left to themselves,

would select one of the more active of their number who would give effect to the interests of the residents of Calcutta. That interest was a totally and fundamentally different interest from the interests which the Chairman of the Calcutta Corporation represented. He represented executive interests—the interest of well-working and the absence of friction and collision between the two bodies. Not only was he there to prevent friction, but mistakes were committed which he was able to set right. In questions of water-supply, and drainage in connection with the new docks, it would be doubly important in future that the municipal executive should be represented on the Port Commission. What Sir Henry Harrison contended for was that the question whether the Chairman of the Municipal Commissioners should be on the Port Trust or not, was a question for the Government to consider, but that no attempt should be made to force the Commissioners into this dilemma—either the Chairman would not be on the Port Trust at all, or they must elect him. That, he submitted, would be the effect of the wording of the section as it stood. Hitherto they had others of their number on the Port Commission, and recently they had four, all nominated by the Government. What he, therefore, submitted was that this right of electing a member on the Port Trust should be made a real boon to the Town of Calcutta, and that they should understand that they were invited to elect a member who should represent them—not the executive working of the municipality, but the interests of the rate-payers. Consequently he only wished to embody in this section the right principle instead of a wrong principle. It should be open to them to elect their Chairman if they pleased, and similarly it would be open to the Government not to nominate the Chairman of the Municipal Corporation. As the law stood, if the Commissioners did not elect the Chairman, the Government could nominate him; but the Legislature should give in the law a right and not a wrong indication. The right indication would be that the election by the Municipal Commissioners should not be the election of the gentleman whom the Government had selected to preside over the executive working of the Municipality, but of one of their body who should represent the interests of the residents of the town, and it would still be left open to the Government to determine whether, all things considered, the Chairman of the Calcutta Corporation should or should not also be a member of the Port Trust.

The HON. BABU KALLY NATH MITTER said he was very glad to support this amendment, which he thought would make it clear that the Municipal Commissioners should elect some one of their own body to represent them on the Port Commission. If the intention was that such member should be their Chairman, then it would be no boon, because hitherto the Government had always appointed the Chairman to be a member of the Port Trust. This matter was discussed in Committee, and the possibility of the Municipal Commissioners electing a native gentleman to represent them was taken into consideration, and it was pointed out that, if that was done, the Government would only be able to appoint another native gentleman on the Port Trust. Therefore, as far as the principle was concerned, he believed the Committee was of opinion that the Commissioners should not be hampered in their election. The effect of this section, as had been pointed out by the hon. mover of the amendment, would be that the Municipal Commissioners would be hampered in their choice, because, unless they elected their Chairman, there would be the difficulty that the executive interests of the Municipality would not be represented, and there would be the risk of a considerable amount of friction between the Municipal Commissioners and the Port Commissioners.

The HON. DR. MAHENDRA LAL SIRCAR thought the hon. mover of the amendment had very well shown the distinction between the interests represented by the Chairman of the Calcutta Corporation and the Municipality. The Chairman represented quite different interests from those which were represented by the Commissioners, and therefore he thought the Chairman should, if possible, be an *ex-officio* member of the Port Commission. Under the Bill it would be left to the Government to appoint the Chairman of the Municipal Commissioners or not as they considered fit, but the Municipal Commissioners should be left free to elect any other person than their Chairman. On these grounds he supported the amendment.

The HON. MR. MACAULAY said that he desired, first, to correct a misapprehension into which his hon. friend, Sir Henry Harrison, had fallen with

reference to the remarks he had made in answer to the hon. mover of the last amendment. He had no intention of referring to the representation of the Corporation. He had pointed out that two native members would, in any case, be on the Board. His hon. friend wished that one native member should be elected by the National Chamber of Commerce, and Mr. Macaulay had said that the Government would be always anxious to see that native commercial interests were represented in the Port Trust, but that the question here was not whether those interests should be represented, but whether their representative should be chosen by the National Chamber of Commerce, which had yet to prove itself the real representative of the native commercial community, or be chosen by the Government.

With reference to the amendment before the Council, he wished to point out that section X was not intended to involve any principle. It was worded merely for the sake of convenience, in order to provide for the initiation of the elective principle in the Port Trust; and the Committee had found some difficulty in framing it, because, as they had three different bodies who would elect, they found it difficult to arrange how they were to take up their right of election as vacancies in the present Board fell in. They decided that the best way would be to allow the Chamber of Commerce to elect a successor when any Port Commissioner, who now happened to be a member of that body vacated office; when it happened to be the gentleman who represented the interests of trade, the Trades' Association should take up the right of election, and they had taken the opportunity of providing for the Corporation exercising this right when the vacancy was caused by its Chairman vacating his office as Port Commissioner. But he would point out that it would be a dangerous thing, and would most seriously hamper the action of the Government, if the Council adopted the principle which his hon. friend said the amendment contained. It would be a dangerous thing first to limit the number of nominations, which the Government should have, to six, and then to insist that one of these should be given to the Chairman of the Corporation of the Town. [Sir Henry Harrison—"I never said that".] But that would be the result, if the Council adopted the amendment, under the explanation which his hon. friend had given. He maintained that, if the Council adopted the amendment as avowedly containing the principle which his hon. friend wished to assert, the Government would practically be bound to give one of the six nominations to the Chairman of the Corporation. He thought it very likely the Government would, when it could conveniently do so, nominate the Chairman, but there were conceivable circumstances when it might find it extremely inconvenient to follow that course. And if, when the vacancy occurred by the retirement of a Port Commissioner, who was a member of the Corporation, that body thought proper to elect their Chairman, then they would be substantially represented, and both interests would be subserved.

The HON. SIR HENRY HARRISON in reply said, that the Hon. Member in charge of the Bill had put the matter very fairly on principle; he fully conceded that the principle indicated by the amendment was the right one, but denied that the Bill indicated the opposite. This was a simple question, and the issues were clearly before the Council. As regards what the hon. member had said in reply to the hon. member opposite (Mr. Anundo Mohun Bose), the importance did not arise from the fact of its having been said, but from the argument itself. The argument was naturally a good one, that the member elected by the Municipal Corporation would, to some extent, represent native interests if they were unhampered in their choice. Sir Henry Harrison only contended that the question of the Chairman of the Corporation being on the Port Trust was substantially an executive question. Was it or was it not convenient and conducive to the well-working of the Municipality that the Chairman of the Corporation should be on the Port Trust in order to avoid friction between the two bodies? That was a question which the Government should decide, but the Commissioners would have a real boon given to them if they were expected to elect some one of their own body to represent the interests of the town.

HIS HONOR THE PRESIDENT said that it should be noted that the last clause of section X provided that, thereafter all vacancies caused by elective

Commissioners ceasing to act should be filled up by election by the respective elective bodies, and all vacancies caused by nominee Commissioners should be filled by appointment by the Government; so that really the question at issue was as regarded one individual, and though it might have been brought forcibly to the attention of Sir Henry Harrison that he was going away on leave, and that the provisions of section X might affect his place on the Port Commission, His Honor thought the principle was a right one. It was quite possible that the Government might wish to have the Chairman of the Municipality as a member of the Port Commission, but that was a question which should be left entirely to its own judgment and discretion. In the case before them of the hon. member going away, according to him the Chairman of the Corporation should be appointed by the Government *ex-officio* as one of its number, but on the resignation of one other member of the Corporation on the Trust, like the Hon. Mr. Reynolds, creating another vacancy, the right of the Municipality to elect a member in his place would place the Government in a difficulty. It was always in the power of the Municipal Commissioners to appoint their own representative, and if to that was added the appointment, *ex-officio*, of the Chairman to the Corporation, it would reduce the number to be nominated by the Government to the Port Trust. The provisions of section X were purely for a temporary purpose, and provided only for the first elections. Under these circumstances, His Honor would vote against the amendment. He noticed that the native members of the Council who had spoken on both sides of the House, and who were in Committee, had deserted the hon. member in charge of the Bill. He did not know whether this question was raised or discussed there, but certainly no objection was taken by them to the particular question which was now raised.

The question having been put to the vote, the Council divided:—

<i>Ayes 5.</i>		<i>Noes 6.</i>	
The Hon. Dr. Mahendra Lal Sircar.		The Hon. Mr. Irving.	
„ Babu Kally Nath Mitter.		„ Moulvie Abdul Jubbar.	
„ Mr. Anundo Mohun Bose.		„ Sir Alfred Croft.	
„ Sir Henry Harrison.		„ Mr. Allen.	
„ The Advocate-General.		„ Mr. Macaulay.	
		„ The President.	

So the motion was lost.

The HON. MR. ANUNDO MOHUN BOSE moved that in section XI the words “elected or appointed” be inserted before the words “under this Act.” He explained that as the section stood, all vacancies in the number of the Commissioners, whether appointed under Bengal Act V of 1870, or under this Act, should be filled by election or appointment, as the case might be, within one month, and it seemed obviously necessary that the language of the section should be altered. Under Act V of 1870 the Commissioners were only appointed. Under this Bill the Commissioners would be either appointed or elected. The object of the amendment was to state that whenever there was a vacancy amongst the Commissioners, whether elected or appointed under this Act, and not simply in the case of appointed members, the vacancy should be filled by election or appointment, as the case might be.

The motion was carried, and the section, as amended, was agreed to.

The HON. MR. ANUNDO MOHUN BOSE moved that to section XIII of the Bill the following words be added:—In section XV, before the words “some other person” shall be inserted the words “or cause to be elected, as the case may be.” This amendment, he said, was rendered necessary by the alteration in the constitution of the Port Trust. Section XV of Act X of 1870 provided that, in the case of the temporary absence of any Commissioner, it should be lawful for the Lieutenant-Governor to appoint some other person to act for him until he should return to Calcutta, or until he ceased to be a member. Under that Act, all the members of the Trust being appointed by the Government, whenever there was a temporary absence, the law necessarily laid down that the Lieutenant-Governor should appoint some other person to act for the Commissioner so absent. But after the passing of this Bill, when an elected Commissioner was temporarily absent and the Lieutenant-Governor thought it right to fill up the place until the return of the absent member, or until he ceased to act, Mr. Anundo Mohun Bose submitted that the only right and proper course would be

virtually to transfer that seat from the body which returned the absent member to the Lieutenant-Governor. He did not think that would be carrying out the object of the Bill, and there was no reason why the absence of a member should entail the punishment on the returning body of being temporarily disfranchised. Section XV of Act V of 1870 did not relate to the case of a vacancy, but only to the case when a member continued on the Board but was absent for a short period, and therefore section XII of the Bill which had been pointed out would not meet the case. Under the amendment which he proposed, the Lieutenant-Governor might appoint where the absent member was a nominated Commissioner, but where an elected Commissioner was so absent, another member might be appointed by the body which elected the absent member. He submitted that that was a necessary amendment which ought to be made, and the effect of a member being temporarily absent, who was an elected member, ought not to be to transfer the seat for the time being from the body which elected him to the Government.

The HON. MR. MACAULAY said he would first take objection to the form of the amendment. The introduction of these words "or cause to be elected, as the case may be," would afford no indication with regard to the manner in which the election was to be made, or by whom it was to be made. But as regards the merits of the amendment, this question was fully considered by the Select Committee, who were of opinion that it was desirable, in the case of these temporary vacancies, not to have recourse to election, and require these bodies to go through a series of forms, but to leave the appointment in such cases to be made by the Government. He thought the balance of convenience was in favour of that course, and there was no question of the elective principle involved.

The motion was put and negatived.

The HON. SIR ALFRED CROFT asked the permission of the President to move a trifling verbal amendment, namely, to substitute the phrases "elected Commissioners" for "elective Commissioners," and "nominated Commissioners" for "nominee Commissioners," in section IV and in any other sections of the Bill in which those phrases occurred. In trying to find out the meaning of the phrase "elective Commissioner," he had considered other connexions in which the word "elective" was ordinarily used. It was used, for example, in the phrase "elective principle," which meant the principle that related to, or concerned, or governed election. It was used again in the phrase "elective body," that is to say, a body in whom was vested the right of election. But he must confess that the phrase, as it stood in the Bill, could not be said to be used in either of those senses. An "elective Commissioner" was not a Commissioner who was concerned with an election, nor was he a Commissioner who possessed the right of election. The phrase merely meant an "elected Commissioner"; and he therefore moved that the word "elected" be substituted for "elective." So with regard to the phrase "nominee Commissioner." A "nominee" was a nominated person; the difference between "nominee" and "nominated" being just the difference between the substantive and the adjective. The phrase seemed to savour of Teutonic complexity, if not of an Americanism. He therefore moved that in place of the word "nominee" the word "nominated" be substituted.

The HON. SIR HENRY HARRISON said he had suffered much during the last few days from some of his friends who had also taken exception to the use of these phrases in the Bill, and who expressed their surprise that he could consent to the passing of a Bill in which these phrases occurred. But being very diffident he did not venture to put any notice of motion in his own name for the correction of these phrases. Now, however, that he had found a sturdier spirit come forward, he was glad to support the motion.

The HON. MR. MACAULAY said the Council would no doubt expect from him some explanation of his conduct. He could only say that he had to plead other authority, inferior no doubt to the authority of his hon. friend the mover of the amendment, but still respectable authority. The words were taken from the Bombay and Madras Acts. The Bombay Act, he believed, was in part the work of a distinguished member of the Bombay Civil Service, Mr. Max Melville, and had as well the authority of Mr. Raymond West and others;

and Mr. Macaulay, though he had not himself liked the phrases, had felt diffidence in departing from their example. But, as he recognized his hon. friend as the very highest authority on questions of phraseology, he hoped the Council would accept the amendment.

The motion was carried, and the sections as amended were agreed to.

The HON. MR. MACAULAY applied to the President to suspend the rules for the conduct of business to enable him to move that the Bill be passed.

The Hon. the President having declared the rules suspended, the Hon. Mr. Macaulay moved that the Bill, as settled in Council, be passed.

The motion was agreed to, and the Bill passed.

CALCUTTA MUNICIPAL BILL.

The HON. SIR HENRY HARRISON presented the Report of the Select Committee on the Bill to consolidate and amend the law relating to the Municipal affairs of the Town of Calcutta, and in doing so said:—The Select Committee was called upon to make this report on the 10th of January last, but he had to express regret on behalf of the Select Committee that they had found it altogether impracticable to do so. The amendments which had been suggested to the Committee had been very numerous indeed, and it had, therefore, taken a very long time to give them that consideration which they deserved. They had therefore only been able now to present the Report. The Bill had been so materially altered that they recommended to the Council that its consideration should be postponed to the next Session, in order that the public might have the opportunity of considering the numerous alterations which had been made in it.

ADJOURNMENT OF THE COUNCIL.

HIS HONOUR THE PRESIDENT said, the presentation of this Report on a Bill which has occupied my interest and attention during the last two years gives me the opportunity of saying a few words, which will be the last which I shall be able to speak from this Chair. I do not think any one can impute to the Bengal Council that it has indulged in anything approaching to over-legislation. I think we have during the past five years passed several important and useful measures, but the special character which will attach to the legislation accepted by this Council during the past Lieutenant-Governorship will be that connected with the reform of municipal administration throughout these Provinces. We passed an Act in 1884, which is already effecting a great deal of good in municipalities established throughout the mofussil. We passed a Local Self-Government Act in 1885, which has been applied to specially selected districts, and has shown, as far as we can judge at present, very fair results; and which is now being more widely extended to other less advanced but more numerous districts, where there is every hope that the introduction of a system of local administration, though novel to the country, will still secure the co-operation of the natives of Bengal in the conduct of their own local affairs, ensuring thereby great relief to the Government and the political education of the people of the country. I need not detain you by longer remarks upon this point, except to say that, though I naturally regret that it has not fallen to my lot to see to its final conclusion the important Bill upon which the Select Committee have now reported for the amendment of the Calcutta Municipal Act, I have the satisfaction of knowing that it will be in the hands of a successor who will devote to it the keenest interest, and that the delay which arises from its unavoidable postponement to another Session will enable the fullest consideration to be given to the provision of a Bill which affects many interests.

And now, gentlemen, allow me to thank you, and through you those who have preceded you as members, for the assistance and advice you have always been willing to render, and the labour you have devoted to the work of this Council. I do not think that in any of our discussions in this Council it can be said that very heated language has ever prevailed; on the contrary, we have enjoyed that serene calm in our deliberations and proceedings which is best suited to the elevated atmosphere in which our Council sits. It has been my endeavour, by the introduction into this Council of different

sections of native representatives, of Hindu and Mahomedan gentlemen, and of those who can be the exponents of different interests in Bengal, to give wider intelligence and value to the character of our discussions, and I have reason to believe that very good results have followed in consequence. With the last opportunity I shall have of presiding amongst you, accept from me, gentlemen, my heartiest appreciation of your services, and my regret for the commission of any mistakes which I may have made. It happens that coincident with my own retirement is that of a very old servant of this Council, who is also about to leave his post and take his pension. I refer to Mr. Kirkpatrick, the Registrar of the Legislative Department, whom I have known, during all the years that I have had any connection with this Council, as one of its most valued and useful officers. I am glad to know that, in resigning his Registrarship, he will be able to retain his position as the official reporter of your proceedings, and I am sure I may wish him in your name many more years of life and success in the discharge of his duties. Now, gentlemen, I bid you all farewell.

The Council was adjourned *sine die*.

GORDON LEITH,

*Offg. Asst. Secy. to the Govt. of Bengal,
Legislative Dept.*

CALCUTTA,
The 11th April, 1887.

**TENURE OF OFFICE OF UNDER-SECRETARY TO GOVERNMENT
IN THE CIVIL DEPARTMENT.**

RESOLUTION.

APPOINTMENT DEPARTMENT.

Dated Calcutta, the 3rd March 1887.

READ—

A letter from the Government of India, in the Home Department, No. 27—1340, dated 4th September 1886, enclosing a copy of a notification by the Punjab Government, No. 1355, dated 21st August 1886, laying down certain conditions under which certain Secretariat appointments in that province are in future to be held.

The conditions approved by the Lieutenant-Governor of the Punjab in the notification above quoted are as follows:—

(1). The tenure of the specified appointments will be limited to a maximum term, ordinarily of four years, to be extended, if the Lieutenant-Governor thinks it advisable to prolong it, under special circumstances for the convenience or interest of the administration.

(2). No leave other than privilege leave or leave on medical certificate will be granted to incumbents of the specified appointments, except on grounds of the most urgent character, when special leave only will be granted under sections 61, 62, and 63 of the Civil Leave Code.

The appointments in regard to which these conditions have been prescribed are those of the Under-Secretary to Government in the Public Works Department, the two Under-Secretaries in the Civil Department, and the Senior and Junior Secretaries to the Financial Commissioner.

2. The Lieutenant-Governor considers that some such limitations as those sanctioned by the Government of the Punjab may with advantage be adopted by this Government, so far as the junior appointments in the Civil Department of the Bengal Secretariat are concerned. Secretariat training is useful to young officers, but is not so important as the direct experience of the working of the administrative machine, and of the views and feelings of the people, which can be gained only by district work. Sir Rivers Thomson would even go further than the Lieutenant-Governor of the Punjab, and fix three years as the limit of tenure of the office of Under-Secretary. It is also important, in the Lieutenant-Governor's opinion, to secure, as far as possible, that full pay shall be given for work done in the Secretariat. It is work of a specially arduous and trying character, involving a very considerable strain on the constitution, and is not adequately remunerated by anything short of the full pay of the post. The Lieutenant-Governor would add to the second rule laid down by the Punjab Government a further condition that, if an Under-Secretary leaves his post to take up an officiating appointment outside the Secretariat for a longer period than six months, he must resign his post of Under-Secretary, so as to allow his successor to draw the full pay attached to the appointment.

3. The Lieutenant-Governor therefore approves of the following conditions as those under which the appointments of Under-Secretaries in the Civil Departments of the Bengal Secretariat shall be held:—

(1). The tenure of the specified appointments will be limited to a maximum term, ordinarily of three years, to be extended, if the Lieutenant-Governor thinks it advisable to prolong it, under special circumstances for the convenience or interest of the administration.

(2). No leave, other than privilege leave, or leave on medical certificate, will be granted to incumbents of the specified appointments, except on grounds of the most urgent character, when special leave only will be granted under sections 61, 62, and 63 of the Civil Leave Code.

(3). An Under-Secretary shall not be allowed to carry with him the substantive pay of his appointment, when deputed to act in another appointment, provided that such deputation be for a longer term than six months.

By order of the Lieutenant-Governor of Bengal,

COLMAN MACAULAY,

Offg. Chief Secretary to the Govt. of Bengal.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government during the week ending the 9th April 1887.

No.	District and date of return.	Rainfall at Sudder station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.			
<i>Western Districts</i>			
BUREWAL DIV.	1. Murrowah, April 9, '87	0.08	Weather—cloudy and extraordinarily cool for the season. Prospects very good. Prices still low. Public health fair.
	2. Cutwa, " 9 "	0.20	Weather—hot by day and cool by night, with occasional clouds. The little rain in the Sudder is insufficient for ploughing. Standing crops doing well. Public health good. Prices stationary.
	3. Hoorbhoora, " 9 "	0.18	Weather—still unusually cool, especially after nightfall. Another heavy shower has been of great service in enabling the fields to be ploughed for the rice sowing. No crop is now on the ground. Public health is generally good.
	4. Widdnapore, " 2 "	0.81	Weather—cool for this time of year. Tillage of lands in active progress every where. Prospects generally fair. Public health good.
	5. Hooghly, " " "	0.51	Report not received.
PRESIDENCY DIV.	Hawrah, " 11 "	0.01	Weather—cool and cloudy. Boro paddy and young sugarcane promising.
	Ooloochoria, " " "	0.04	
	<i>Central Districts</i>		
	6. 24-Paragha, April 12 '87	Nil	Weather—seasonable; days hot and nights cool. No crops on the ground except sugarcane, which is doing well. Public health generally good, but a few cases of sporadic cholera reported.
	7. Nudana, " 9 "	0.04	Weather—unusually cool with overcast sky. Outturn of rubber crops good. Indigo promises well. Cultivation for <i>aus</i> progressing. Some few cases of cholera and cattle-disease.
RAJSHAHIE DIV.	8. Ranaghat, " " "	0.16	Weather—cool for the time of year, and dry. Ploughing continues. Boro rice harvest commenced; outturn good. A short mango crop. Public health good.
	9. Khonina, " 11 "	0.02	Days hot and nights cool. Paddy sowings going on— <i>aus</i> on higher and <i>amun</i> on lower levels. In some places paddy has germinated. <i>Til</i> is being sown. Cholera in Magurch and Satkhira sub-divisions. Recent rainfall has checked the spread of cholera. Price of ordinary rice gradually rising.
	10. Jessore, " 9 "	Nil	Weather—stormy and disturbed. Rubber crops harvested. Bhadoi being sown. Indigo and sugarcane doing well. Public health good.
	11. Moorshedabad, " 9 "	0.11	
	Kandi, " " "	0.40	
RAJSHAHIE DIV.	12. Dinagepore, April 9, '87	Nil	Sky overcast. East wind blowing. Rain reported in some thanas. Cultivation for bhadoi crops continues. Public health fair. Rice 20 to 23 seers per rupee.
	13. Rajshahye, " 9 "	Nil	Weather—getting hot. Preparation of land for early sowings, including jute, is going on. Public health fair.
	14. Tangpore, " 9 "	Nil	Weather—unusually cool for the time of the year. Aus paddy, kaon, cheena and jute above the ground. Wheat still being harvested. Cholera somewhat prevalent.
	15. Singra, " 9 "	Nil	Weather—hot in the beginning of the week, but cloudy and rather cool during the latter part. Rain of last week did much good. State and prospects of crops good. Public health fair.
	16. Pubna, " 8 "	0.06	Weather—seasonable. Prospects of crops good. Public health good.
DACA DIVISION.	17. Darjeeling, " 9 "	0.77	Weather—warm. State and prospects of crops good.
	18. Jalpigore, " 9 "	0.14	Slight rain at Sudder and Boda stations; weather cool. Lands are being ploughed for jute and bhadoi paddy. Harvesting of sugarcane and tobacco nearly over; outturn fair. Cattle-disease and cholera about. Price of common rice varies from 18 to 28 seers per rupee.
	<i>Eastern Districts</i>		
	19. Dacca, April 9, '87	Nil	Weather—warm and bright. Boro paddy thriving. Public health good.
	20. Ferozepore, " 9 "	0.05	Weather—seasonable. Ploughing for rice in full progress. Public health fair.
CHITTAGONG DIV.	21. Goulundo, " " "	0.25	Days hot, nights comparatively cold. Winter crops doing well. Sowing of <i>aus</i> has begun. General health not very good; cholera prevailing in several parts of the district.
	22. Backergunge, " 8 "	Nil	Days hot and nights cool. Prospects of crops good.
	23. Mymensingh, " 8 "	0.03	
	Kishoregungo, " " "	0.56	
	Atlia, " " "	0.77	
CHITTAGONG DIV.	24. Chittagong, April 12, '87	Drizzling rain on 11th.	Weather—hot. Prospects of spring crops good. Lands are being got ready for <i>aus</i> . Prices steady. Cholera still reported; general health good.
	25. Noakhally, " 8 "	Nil	Weather—seasonable. Sowing of <i>aus</i> has begun. Rubber crops mostly harvested; outturn fair. A few cases of cholera reported.
	26. Tipperah, " 7 "	Nil	Weather is seasonable for agricultural operation. Sporadic cholera and small-pox in the district.
	Brahmanbaria, " " "	0.52	
	Chandpur, " " "	2.10	
CHITTAGONG DIV.	27. Chittagong Hill Tracts, " 5 "	Nil	Weather—excessively hot throughout the week. Joom-cutting still continues; in some parts it is finished. Tobacco, chilly and other crops doing well.
	Hill Tipperah, " 6 "	1.12	Weather—hot. Sugarcane being transplanted. Prospects of boro paddy and tobacco fair. Joom-cultivation going on. Public health good.

No.	District and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BEHAR.			
PATNA DIV.	26 Patna, April 9, '87	0.11	Weather—cloudy during latter part of week with a slight shower of rain. Harvesting of <i>rubbee</i> crops nearly finished. New gram and barley are sold in the market. <i>Kahar</i> and castor seeds are being gathered. Public health generally good.
	27 Gya, " 9 "	.....	Weather—cloudy; drizzling rain on 7th, and rain on night of 8th. Harvesting of <i>rubbee</i> completed. Fever and cholera reported.
	28 Shahabad, " 9 "	0.08	Weather—unsettled and cloudy. Threshing and winnowing of <i>rubbee</i> crops in progress. Sugarcane being irrigated. Weighment of opium has begun; drug of a good consistence. Sporadic cases of cholera in the interior of Bhabhua sub-division; public health otherwise fair.
	29 Darbhanga, " 9 "	1.11	Mornings cool, but days getting warm. <i>Rubbee</i> harvest in progress. Mango blossoms suffered considerably from lightning and rain. Other crops doing well. Prices remain almost stationary. Cholera still reported from head-quarters.
	30 Mozufferpore, " 9 "	0.49	Weather—threatening and variable, but no rain. <i>Rubbee</i> harvest nearly completed. Opium housed; outturn good.
	31 Saran, " 9 "	0.20	Wind from west and occasionally from east. Rain on night of 8th. <i>Rubbee</i> harvested with an outturn of 12 annas. Public health good.
	32 Champaran, " 9 "	0.19	<i>Rubbee</i> crops are being gathered. Weighment of opium has begun. Indigo plants coming on. Prices stationary. Public health fair.
BRABHUA DIV.	33 Monghyr, April 9, "	Nil	Weather—seasonable. Reaping of <i>rubbee</i> crops continues. Sporadic cases of small-pox still reported from Begusarai; general health otherwise fair. Prices steady.
	34 Bhagulpore, " 9 "	0.62	Weather—still cool for season. <i>Rubbee</i> harvest in progress; probable outturn all round 12 annas. <i>Moong</i> and paddy being sown in low lands. Indigo very promising. Cholera still hangs about some villages in north.
	35 Purneah, " 9 "	Nil	Weather—growing warm; nights cool. Jute and <i>bhadoi</i> paddy sowings have begun. Cereal harvest in progress.
	36 Maldab, " 9 "	0.27	Weather—fine and pleasant, but occasionally cloudy. A strong gale followed by a slight shower on night of 8th. Harvesting of <i>rubbee</i> crops going on.
	Chanchal Shibgunge, " 9 "	0.48 0.41	<i>Roro</i> paddy thriving well. Prices stationary. Sporadic cases of cholera reported from town and interior; public health otherwise good.
	37 Sonthal Pergah, " 9 "	0.15	Weather—storm on the evening of 7th. Cloudy and cool since. Prospects of crops satisfactory. Rain will help ploughing. <i>Mahua</i> plentiful.
ORISSA.			
ORISSA DIV.	38 Cuttack, April 8, '87	0.02	Weather—seasonable; sometimes cloudy. <i>Dalua</i> rice is being reaped. Ploughing has begun. Common rice sells at 20 seers per rupee in town, and 25 to 30 seers in the interior. Public health generally good.
	39 Pooree, " 7 "	Nil	Weather—seasonable. Land is being ploughed. Early <i>dalua</i> crop is being harvested. Common rice 27 seers 4 chittacks per rupee in the Sudder sub-division, and 23 seers 13 chittacks in the Khoorda sub-division. Cases of cholera reported from the mofussil.
	40 Balasore, " 8 "	0.14	Weather—seasonable. Ploughing goes on. Prospects of crops good. A few isolated cases of cholera; public health otherwise good.
CHOTA NAGPORE.			
<i>South-West Frontier Agency.</i>			
41	Basaribagh, April 8, '87	Nil	Weather—seasonable. Harvesting of <i>rubbee</i> completed; outturn fair. Opium all gathered. Prospects of mango bad. General health good.
42	Lohardugga, " 9 "	0.31	Weather—cloudy and warm. Harvesting of <i>rubbee</i> continues. Prices as before. Cholera reported from Palamow; otherwise public health good.
43	Singbhoom, " 8 "	Insufficient for registration.	Weather—cloudy and cool. Slight rain on night of 7th and morning of 8th. No crops on the ground except <i>boro</i> paddy, which is flowering. Sugarcane is being transplanted in parts. <i>Mahua</i> falling; a yield of 12 annas expected. Public health good.
44	Manbhoom, " 9 "	Nil	Weather—hot and cloudy. Storms in the neighbourhood, but have not broken at head-quarters. Sugarcane is being planted. <i>Mahua</i> dropping; outturn about 10 annas. Cotton buds opening, and fair outturn expected. Rice cheap. Public health good.

Published for general information.

CALCUTTA, REVENUE DEPT.;
The 12th April 1887.P. NOLAN,
Secy. to the Govt. of Bengal.

The following Statement shows the Quantities of the Principal Staples of Traffic imported into Calcutta from the Interior during the month of October 1886.

IMPORTS INTO CALCUTTA.

Place Imported.	FOOD-GRAINS.							FIBROUS PRODUCTS.		OILS SEEDS.		Tea, Indian.	Cotton, raw.	Spk. raw.	SUGAR.		TOBACCO.	
	RICE AND PADDY.			Wheat.	Gram and pulses.	Other food-grains.	Total.	Jute, raw.	Gunny-bags.	Linseed.	Mustard-seed.				Drained.	Un-drained.	Bis-path.	Other kinds.
	Rice.	Paddy.	Total (in rice).															
BENGAL.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	
Bahadur	82,028	2,867	84,895	668	4,238	269	89,533	410	15,225	954	495	495	1	197	124	...	378	
Bahadur	25,459	3	25,462	...	...	...	25,462	...	8,625	...	206	...	54	38	...	...	...
Bahadur	91,395	13,013	104,408	20	...	...	104,428	...	7	...	104	...	...	...	...	...	...
Bahadur	38,723	5,651	44,374	16,539	4,851	932	62,577	45,334	183,295	29,686	20,236	...	874	2	394	7,055	10,514	
Bahadur	1,29,434	11,164	1,40,598	167	103	...	1,55,577	1,11,067	107,795	...	...	...	...	...	...	...	...
Bahadur	6,012	...	6,012	6,440	32,168	517	45,137	70,377	1,501	7,680	1,383	172	1	13	...	...	...
Bahadur	5,993	6,400	12,393	...	1,200	...	9,993	20,147	...	...	...	...	...	...	...	...	...
Bahadur	17,467	600	18,067	...	2,025	136	19,828	48,418	1,120	...	800	...	6	...	...	...	...
Bahadur	2,229	...	2,229	15,880	19,450	1,004	38,472	3,516	...	3,987	1,388	...	...	662	...	...	...
Bahadur	1,00,502	...	1,00,502	...	225	120	1,00,707	17,199	77,245	...	...	...	...	...	...	...	...
Bahadur	14,243	...	14,243	1,831	8,878	...	21,952	85,495	...	3,095	321	...	...	...	...	...	...
Bahadur	1,178	...	1,178	40	...	...	1,218	1,32,726	103,105	...	80	...	...	...	...	...	...
Bahadur	20,134	...	20,134	...	...	...	20,134	18,783	...	...	...	...	...	...	...	...	...
Bahadur	681	200	881	622	2,550	...	3,082	6,25,013	551,250	844	3,390	...	...	...	...	...	...
Bahadur	...	...	...	...	...	...	...	40,354	872,650	...	...	...	...	...	...	...	...
Bahadur	650	...	650	418	110	...	1,178	3,14,334	250	...	410	...	...	...	...	...	...
Bahadur	4,025	...	4,025	48	2,520	...	7,490	4,61,052	140	...	758	110	350	10	...	...	...
Bahadur	1,42,389	...	1,42,389	...	550	...	1,42,939	1,1,170	...	677	...	...	...	...	...	...	...
Bahadur	854	...	854	600	1,214	90	2,758	44,769	...	923	...	...	...	...	...	...	...
Bahadur	500	...	500	...	...	...	500	1,225	...	800	344	...	...	...	...	...	...
Bahadur	162	...	162	...	...	...	162	...	...	...	...	...	...	...	...	...	...
Bahadur	6,555	...	6,555	...	...	...	6,555	45	...	...	100	...	...	...	...	...	...
Total of Bengal	6,88,283	41,098	7,14,382	40,793	80,188	3,162	8,38,725	10,59,571	1,491,736	41,989	29,494	29,216	3,012	1,479	11,840	25,074	528	6,043
BHAR.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	
Bahadur	251	...	251	1,51,701	71,085	7,148	2,30,240	...	1,510	1,29,101	23,445	...	...	...	607	...	2,501
Bahadur	...	...	...	2,403	...	...	2,403	...	140	1,392	...	...	...	...	...	...	...
Bahadur	602	...	602	17,056	12,442	2,482	33,222	...	409	7,497	15	...	...	...	...	...	...
Bahadur	100	...	100	334	...	...	438	...	245	2,308	1,832	...	...	...	...	...	...
Bahadur	6	...	6	417	1,754	178	2,367	...	9,5	39,277	11,675	...	...	...	...	...	...
Bahadur	...	...	...	700	700	1,711	3,131	...	210	442	870	...	...	...	...	...	...
Bahadur	2	...	2	6,043	...	...	6,043	...	...	10,228	2,750	...	...	...	...	...	...
Bahadur	2	...	2	30,500	40,279	305	76,152	...	1,08	20,240	17,007	...	...	...	...	...	...
Bahadur	40	...	40	41,800	4,017	8,275	54,034	409	...	9,331	22,142	...	...	...	...	...	...
Bahadur	...	...	...	6,242	3,411	805	10,460	3,578	17,455	3,813	6,840	150	...	...	...	...	...
Bahadur	...	...	...	11,706	9,870	1,305	22,881	8,304	...	1,108	26	...	...	...	...	...	...
Bahadur	...	...	...	30,916	4,986	620	36,522	...	1,120	5,147	6,808	...	...	...	...	...	...
Total of Bihar	1,095	...	1,095	3,00,144	1,40,040	22,774	4,79,959	12,291	23,455	2,30,486	91,040	150	27	191	607	795	20	7,531
CHHISA.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	
Bahadur	16,885	2,573	18,517	1,177	2,221	...	21,715	134	1,400	...	204	...	...	5	...	...	216
CHOTA NAGPORE.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	
Bahadur	...	...	...	...	...	...	...	...	1,035	...	273	503	...	234	...	...	...
Bahadur	2	...	2	...	...	...	...	...	140	...	...	...	...	...	...	...	...
Total of Chota Nagore	2	...	2	...	...	...	...	...	1,235	...	273	503	...	234	...	...	...
Grand Total of Imports from the Provinces under the Management of the Government of Bengal	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	
Total	7,06,215	43,970	7,53,696	3,48,114	2,81,453	26,236	13,59,501	10,71,990	1,010,816	3,78,095	1,24,611	28,809	3,030	1,693	12,447	25,409	548	61,090
OTHER PROVINCES	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	
Bahadur	62,300	...	62,300	1,69,048	67,085	2,855	82,300	400	...	5,200	4,481	90,600	165	13	...	...	...
Bahadur	...	...	...	...	...	...	2,50,088	...	630	42,937	6,288	1,3,399	...	60	34	217	...
Bahadur	12	...	12	...	4,075	1,016	5,704	...	...	...	273	603	...	4	...	...	...
Bahadur	...	...	...	...	561	8	551	...	...	...	...	...	...	...	...	...	...
Bahadur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bahadur	4	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bahadur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bahadur	236	...	236	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	7,09,758	43,970	7,53,696	3,48,114	2,81,453	26,236	13,59,501	10,71,990	1,010,816	3,78,095	1,24,611	28,809	3,030	1,693	12,447	25,409	548	61,090
Total	7,09,758	43,970	7,53,696	3,48,114	2,81,453	26,236	13,59,501	10,71,990	1,010,816	3,78,095	1,24,611	28,809	3,030	1,693	12,447	25,409	548	61,090

* One maund of paddy is equivalent to 25 seers of rice.

† Exclusive of bags obtained by local manufacture.

The Sea-borne Trade of Calcutta in these Staples during the month of October 1886, was as follows:—

Imported from Calcutta—																		
Indian ports,																		
Bahadur	47,351	57	47,397	376	114	...	47,777	...	1,420,010	...	...	325	...	...	679	...	...	...
Bahadur	...	...	...	...	...	...	...	...	10,000	...	...	...	...	...	...	...	...	...
Bahadur	...	...	...	...	...	...	...	...	207,890	...	...	...	...	...	...	...	...	...
Bahadur	20,913	1,194	24,658	169	15,717	...	20,144	3,088	190,800	...	...	...	...	...	...	...	...	...
Bahadur	2,290	...	2,290	934	23,700	2,704	26,607	45	400,500	...	...	...	...	...	...	...	...	...
Bahadur	19,103	...	19,103	50	2,013	...	21,145	...	100,800	...	...	...	...	...	...	...	...	...
Bahadur	...	...	...	163	310	...	473	...	5,800	...	...	...	...	...	...	...	...	...
Total of Inter-trade	1,02,529	1,351	1,03,880	1,770	1,35,530	8,703	2,44,335	8,153	2,340,860	...	...	723	54	215	4,151	258	...	20,155
Foreign ports—																		
British Kingdom	76,061	...	76,061	7,01,878	11,486	...	7,67,423	10,31,811	638,156	4,00,485	61,113	1,21,120	10,311	263	...	...	...	4,604
Foreign ports	8,69,193	2,290	8,70,683	2,77,475	21,834	16,970	6,98,612	3,14,767	2,236,761	24,906	8,950	3,411	2,571	631	...	...	...	3,470
Total of Foreign	4,43,234	2,290	4,44,091	9,79,353	33,320	15,970	14,79,837	13,46,578	2,891,907	4,31,231	63,063	1,24,538	13,082	1,093	...	...	...	8,074
Grand Total of Imports from the Provinces under the Management of the Government of Bengal	6,43,813	2,550	6,46,363	9,81,198	1,00,344	19,078	17,13,170	13,51,711	3,23,767	4,31,231	65,064	1,23,256	13,140	1,308	4,181	258	...	24,229
Grand Total of Imports from the Provinces under the Management of the Government of Bengal	6,43,813	2,550	6,46,363	9,81,198	1,00,344	19,078	17,13,170	13,51,711	3,23,767	4,31,231	65,064	1,23,256	13,140	1,308	4,181	258	...	24,229

IMPORTED INTO CALCUTTA.

The following Statement shows the Values, Quantities, and Numbers of the Principal Staples of Traffic exported Inland from Calcutta during the month of October 1886.

Whither exported.	Cotton piece-goods.		Cotton twist.		Salt.	Gunny-bags.	Whither exported.	Cotton piece-goods.		Cotton twist.		Salt.	Gunny-bags.
	European.	Indian.	European.	Indian.				European.	Indian.	European.	Indian.		
BENGAL.	Rs.	Rs.	Mds.	Mds.	Mds.	No.	CHOTA NAGPORE.	Rs.	Rs.	Mds.	Mds.	Mds.	No.
Burdwan	1,76,790	1,879	289	1,217	21,558	59,677	Hazareebagh	55,881	13	305	4,171	2,291
Beerbhoom	52,283	119	72	352	9,325	31,850	Manbhoom	48,702	1,540	13	1,607	6,028	290
Mudnapore	1,12,713	1,790	1,802	6,498	4,304	Total of Chota Nagpore	1,04,583	1,540	25	1,912	11,129	3,18
Hoochly	67,861	6,210	1,348	65	1,935	40,707	Grand Total of supplies	63,64,411	71,880	15,256	9,433	5,51,803	7,32,291
24 Pergunnahs	1,31,018	7,560	192	10,007	38,881	into the provinces under	63,64,411	71,880	15,256	9,433	5,51,803	7,32,291
Nudda	1,64,802	1,565	22,005	12,905	the Lieutenant-Governor of Bengal.	63,64,411	71,880	15,256	9,433	5,51,803	7,32,291
Khulna	6,510	48	5,090	429	OTHER PROVINCES.	3,25,190	809	89,800
Jessore	39,138	266	17,400	840	Assam
Moorshedabad	19,012	5,300	73	16,025	5,125	North-Western Provinces
Dinagopore	51,774	88	2,128	4,700	and Oudh
Kajshahye	1,68,067	129	16,161	2,787	Punjab	29,62,110	18,920	2,403	708	22,345	205,000
Rangpore	2,30,022	248	7,510	695	Central Provinces	12,72,411	1,450	1,413	7	31,700
Boria	89,649	62	1,194	6,657	Rajputana States	20,100	110	188	11,200
Patna	1,75,883	573	47,295	800	Bombay	62,413	660	227	11,200
Darjeeling	39,060	119	56	991	Nizam's Territory	8,400	220	1,420,000
Tuliporee	95,154	102	8,861	420	Sind	1,944	150	1,944	19	398,100
Bacca	5,30,208	1,400	49,325	2,655	Berar	2,331
Farrukpore	1,67,394	1,008	24,077	490	Pandicherry
Buckergunge	85,844	220	10,475	1,009	British Burmah	9,10,002	36	1,012	1,245	400,000
Myinmangh	89,767	117	33,500	Other places	5,770	416	10	1,332	1	2,80,000
Tippurah	4,850	Grand Total of	1,12,10,076	93,431	23,292	11,513	6,13,192	6,147,890
Chittagong	1,24,139	208	25,700	Exports in	1,12,10,076	93,431	23,292	11,513	6,13,192	6,147,890
Noakhali	7,251	4	3,000	October	1,60,56,272	91,601	25,236	13,793	6,82,118	8,820,545
Total of Bengal	26,55,790	21,289	10,518	1,332	3,27,947	240,800	The Sea-borne Trade of Calcutta in these Staples during the month of October 1886 was as follows:-	Rs.					

The Sea-borne Trade of Calcutta in these Staples during the month of October 1886 was as follows:—

IMPORTED INTO CALCUTTA—	Rs *	Rs.	Mds.	Mds.	Mds.	No.
From Foreign Ports—						
United Kingdom ...	16,26,125	.....	7,400	.....	3,20,299	.....
Other Foreign ports ...	7,4,000	.....	852	.....	1,40,004	.....
Total of Foreign Trade ...	23,70,125	.....	8,252	.....	4,60,303	.....
From Indian Ports—						
Bombay ...	10,072	3,14,795	10	5,652	58,000	.....
Madras ...	850	17,003	5	.....	.....	.....
Other ports in Madras ...	.....	130	.....	.....	.....	.....
British Burmah ...	1,480	400	.....	.....	.....	.....
Other Indian ports ...	200	.....	.....	.....	.....	1,000
Total of Interportal Trade ...	12,702	3,32,325	15	5,652	58,099	1,000
Grand Total of Im- (1840	36,40,327	3,32,347	8,053	5,652	5,18,402	2,000
ports in October } 1855	31,00,845	3,30,770	10,315	5,175	5,08,000	2,000

* As per tariff declaration value.

The following Statement shows the several Routes followed by the Trade in the Principal Staples of Traffic exported from Calcutta during the month of October 1886.

SPECIFICATION OF ROUTES.	COTTON PIECE-GOODS.		COTTON TWIST.		Salt.	Gunny-bags.
	European.	Indian.	European.	Indian.		
	Rs.	Rs.	Mds.	Mds.	Mds.	No.
By country boats	1,35,775	7,152	2,444	.....	8,77,070	100,425
" river steamers	5,40,008	9,790	1,223	430	18,510	70,000
" rail (East Indian Railway	78,83,454	67,430	5,410	8,643	2,25,430	20,000
" " (Eastern Bengal State Railway	18,01,478	330	6,068	.....	38,412	3,000
" road	1,02,730	8,527	707	61	4,143	.....
" bags	6,18,043	802	7,200	2,664	9,030	8,237,700
Grand Total of Exports in October	1,12,19,670	98,831	13,892	11,813	6,15,172	6,147,000
..... 1890	1,00,66,272	83,691	12,780	13,702	8,32,112	8,000,000

P. NOLAN,
Secretary to the Govt. of Bengal.

Results of the Meteorological Observations taken at the Alipore Observatory from 3rd to 9th April 1887.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 29 Fahr.	TEMPERATURE.				HYGROMETRY.				WIND.		Winds recorded.	Rain.	WEATHER.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.				
1887.		O		Inches.	O	O		O	O	Inches.	O	%				Inches.	
April	3rd	147.1	7.9	29.884	80.7	91.4	10.7	71.5	72.1	0.674	67.5	67	SSE and SSW	...	86	Nil	Partially cloudy
"	4th	145.8	10.4	884	80.8	91.7	20.9	70.8	70.6	0.616	64.8	62	SW by W and W	...	91	"	Clear, d.
"	5th	148.9	9.9	853	81.5	93.7	22.5	71.2	72.6	0.685	68.0	67	SSW and SW	...	147	"	Clear, d.
"	6th	146.6	9.8	877	81.0	91.3	10.1	72.2	72.9	0.706	68.8	69	S by W and SSW	...	173	"	Clear, d.
"	7th	153.5	7.7	884	80.5	91.7	21.5	70.2	71.1	0.686	65.8	64	SSW and S	...	169	"	Partially cloudy, d.
"	8th	96.2	Nil	871	75.7	78.5	8.2	70.3	70.6	0.684	67.9	77	ESE and variable	...	61	Not measurable.	Cloudy, o, g, t. d.
"	9th	153.6	8.7	846	79.7	89.1	20.9	68.2	73.2	0.731	69.8	72	SSW and variable	...	85	Nil	Chiefly cloudy.

The mean pressure of the seven days	...	Inches.	29.858
The average pressure of the corresponding period for 24 years, S. G.'s Office	...	...	29.773
The total number of hours of bright sunshine	...	Hours.	54.4
The maximum possible number of hours of sunshine	...	...	87.1
The mean temperature of the seven days	...	...	80.0
The average temperature of the corresponding period for 24 years, S. G.'s Office	...	...	84.4
The extreme variation of temperature	...	...	25.5
The maximum temperature	...	...	93.7
The highest velocity of the wind in one hour	...	Miles.	16
The highest pressure of wind on one square foot	...	lb.	Not measurable.
The mean relative humidity	...	%	68
The average relative humidity of the corresponding period for 24 years, S. G.'s Office	...	...	68
The total fall of rain from 3rd to 9th April 1887	...	Inches.	Nil.
The average fall of the corresponding period for 24 years, S. G.'s Office	...	...	0.44
The total fall from 1st January to 9th April 1887	...	...	4.74
The average fall of the corresponding period for 24 years, S. G.'s Office	...	...	3.25

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h. 10h. 16h. and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o overcast, g gloomy, t thunder, d drizzling rain, Δ dew.

HENRY F. BLANFORD,
Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, GOVT. OF INDIA;
Calcutta, the 11th April 1887.

Meteorological Report of the Province.

METEOROLOGICAL DIVISION.			STATION OBSERVATIONS.															
			DISTRICT.	Representative stations.	AIR PRESSURE.					TEMPERATURE.					HUMIDITY.		CLOUD.	
					Highest, 10 A.M., barometer reading of month.	Lowest, 10 A.M., barometer reading of month.	Mean, 10 A.M., for month.	Mean, reduced to sea-level.	Variation from normal mean.	Highest of month.	Lowest of month.	Mean daily maximum temperature.	Mean daily minimum temperature.	Mean daily temperature.	Variation from normal mean.	Mean, 10 A.M., humidity.	Variation from normal mean.	Mean cloud amount, 10 A.M.	Variation from normal mean, 10 A.M.
ORISSA.	Pooree	Gopalpore	29.040	29.164	29.871	29.011	—	86.2	65.0	84.0	75.8	79.0	—	77	—	0.0	—	
		False Point	29.070	29.777	29.807	29.010	—0.10	89.5	60.0	80.7	74.7	80.2	—0.1	75	—11	4.8	+2.2	
	Cuttack	Cuttack	29.000	29.600	29.826	29.008	—0.04	101.0	67.8	86.0	78.8	84.0	—0.4	80	—37	3.0	+0.7	
	Balasore	Balasore	29.041	29.707	29.843	29.002	—	80.0	62.1	85.7	71.2	78.0	—	60	—	0.7	—	
SOUTH-WEST BENGAL.	South-West and South 24 Pargannas.	Saugor Island	29.073	29.768	29.804	29.010	—0.11	85.2	66.0	87.7	76.2	82.0	—1.2	61	+3	4.0	+1.1	
	Midnapore	Midnapore	29.881	29.722	29.740	29.000	—	101.3	63.8	94.0	69.7	82.3	—	65	—	2.1	—	
	24 Pargannas, Howrah, and Hooghly.	Calcutta	29.008	29.741	29.887	29.000	—0.08	85.5	61.2	80.7	70.0	80.1	—0.1	63	—7	2.3	+0.7	
	Burdwan	Burdwan	29.887	29.000	29.800	29.010	—0.01	88.5	60.0	83.4	67.1	80.3	—0.7	43	—13	3.4	+0.7	
	Bankoora	Bankoora	29.050	29.401	29.651	—	—	80.1	62.7	91.2	68.4	81.3	—	43	—	1.1	—	
	West Burdwan and Beerbhoom.	Raigunj	29.064	29.446	29.672	—	—	80.7	62.1	94.5	67.2	80.0	—	61	—	0.8	—	
	Moorshedabad	Barhampore	29.024	29.082	29.837	29.005	—0.02	85.7	60.2	80.7	66.1	77.0	—1.8	40	—1	3.2	+0.4	
	Nuddea	Krishnagar	29.027	29.720	29.854	—	—	87.5	55.0	91.8	65.5	78.7	—	40	—	2.4	—	
	Jessore and Khoolna	Jessore	29.003	29.748	29.883	29.017	—0.02	88.0	62.5	91.8	68.4	80.1	—0.5	61	—3	3.4	+0.0	
	Chittagong	Chittagong	29.024	29.781	29.863	29.015	—0.05	86.6	61.5	84.0	68.4	79.2	—0.8	75	+1	5.5	+2.0	
EAST BENGAL.	Chittagong Hill Tracts	Dumagri	Observations not received.															
	Backergunj	Barrisal	29.082	29.707	29.800	29.021	—	82.3	63.1	87.0	70.8	78.0	—	73	—	3.8	—	
	Noakhully	Noakhully	29.014	29.58	29.803	29.037	—	86.0	63.0	84.8	68.8	76.9	—	66	—	2.0	—	
	Furreedpore	Furreedpore	29.061	29.737	29.850	—	—	88.0	59.8	82.7	65.0	74.1	—	60	—	1.6	—	
	Dacca	Dacca	29.070	29.773	29.808	29.021	—0.17	85.1	62.0	89.0	68.0	78.8	—0.5	64	—4	4.2	+1.3	
	Tipperah	Comillah	29.050	29.803	29.800	29.030	—	85.0	63.0	87.7	65.7	79.2	—	70	—	4.7	—	
	Mymensingh	Mymensingh	29.073	29.757	29.880	—	—	86.8	59.1	84.1	64.0	74.3	—	74	—	4.7	—	
NORTH BENGAL.	Bogra	Bogra	29.026	29.007	29.821	29.038	—	84.0	55.4	87.2	63.0	76.4	—	60	—	3.1	—	
	Patna	Serajgunj	29.053	29.742	29.880	29.000	—	84.2	55.5	87.2	63.0	75.4	—	67	—	3.0	—	
	Rajahmugga	Rampore Hoanleah.	29.020	29.700	29.841	29.003	—	85.5	57.7	88.0	63.7	76.3	—	47	—	1.3	—	
	Maldah	Maldah	29.034	29.610	29.735	—	—	84.1	58.1	83.8	60.7	74.8	—	48	—	1.8	—	
	Dinapore	Dinapore	29.080	29.627	29.768	29.007	—	85.6	52.2	88.3	61.3	74.8	—	46	—	1.7	—	
	Rungpore	Rungpore	29.090	29.621	29.777	29.001	—	86.0	59.5	80.4	61.0	73.7	—	55	—	0.7	—	
	Julpigoree and Cooch Behar.	Julpigoree	29.721	29.432	29.621	29.015	—	86.0	52.0	84.5	61.2	72.0	—	59	—	2.3	—	
NORTH BENGAL.	Darjeeling Hill Tracts	Darjeeling	29.008	29.850	29.065	—	—	86.0	30.1	65.1	42.1	46.6	—1.7	76	+3	6.7	—0.5	
	Purneah and North Bhagulpore.	Purneah	29.894	29.622	29.751	29.010	—0.21	83.2	50.8	88.4	60.7	74.1	—1.0	40	—6	1.3	—0.1	
	Mozufferpore	Mozufferpore	Observations suspended															
	Durbhunga	Durbhunga	29.045	29.670	29.728	29.000	—0.10	80.4	50.0	87.2	61.8	75.0	—0.4	83	0	0.6	—1.2	
SOUTH BENGAL.	Chumbarun	Motihari	29.747	29.503	29.650	29.032	—	81.5	48.8	87.0	67.0	73.9	—	47	—	1.5	—	
	Barua	Chupra	29.787	29.647	29.081	—	—	85.5	—	80.0	—	—	—	44	—	1.0	—	
		Dohree	29.039	29.405	29.544	29.001	—	84.4	61.0	88.7	63.4	77.0	—	33	—	0.5	—	
	Shahabad	Buxar	29.750	29.511	29.647	29.001	—	84.0	55.0	89.0	63.1	75.6	—	36	—	0.9	—	
SOUTH BENGAL.		Arrah	29.770	29.555	29.670	29.070	—	87.4	50.8	91.0	61.4	76.3	—	41	—	1.0	—	
	Gya	Gya	29.004	29.804	29.405	29.074	—0.06	88.7	60.1	92.5	66.0	79.7	—0.1	40	+12	1.0	—1.3	
	Patna	Bankipore	29.820	29.603	29.712	29.030	—0.06	84.8	57.7	89.5	62.8	78.3	—1.1	47	+1	1.4	—1.5	
	South Bhagulpore and Monghyr.	Bhagulpore	29.824	29.682	29.718	29.032	—	81.4	56.0	88.6	63.0	75.6	—	46	—	1.1	—	
CENTRAL INDIA.	Sonthal Pargannas	Naya Doonka	29.480	29.224	29.382	—	—	90.7	57.0	91.3	65.0	76.3	—	87	—	0.3	—	
	Hazaribagh	Hazaribagh	27.073	27.740	27.858	29.052	—0.23	84.3	58.5	88.0	63.1	76.0	+0.1	30	—9	0.4	—2.1	
	Loharugga and Manbhoom.	Ranchee	27.032	27.021	27.768	29.074	—	85.5	51.5	89.5	61.0	76.7	—	43	—	0.4	—	
	Mingbhoom	Chaibassa	29.207	28.985	29.124	—	—	103.0	60.3	90.1	67.0	82.0	—	61	—	0.3	—	

* Mean for 30 days.

† Mean for 27 days.

‡ Mean for 30 days.

DISTRICT OBSERVATIONS.

DISTRICT OBSERVATIONS.											Representative Stations.	DISTRICT.	METEOROLOGICAL DIVISION.
RAINFALL.						Since 15th May 1880.							
Month.	Normal mean.	Variation from mean.	Number of rainy days.	Normal mean number of rainy days.	Variation from mean.	Normal mean.	Variation.	Number of rainy days.	Normal mean.				
Jan.	0.62	-0.37	1.8	2.4	0.196	57.71	+4.25	103.5	87.4	Gopalpore	Pooree	OUTWA.	
Feb.	1.03	+0.47	3.6	2.4	0.609	53.68	+12.01	100.2	82.6	Palee Point	Cuttack		
Mar.	1.20	+0.91	3.0	2.8	0.604	50.13	+3.01	82.0	83.1	Cuttack	Balasore		
Apr.	1.25	+1.03	3.7	2.2	0.147	65.83	-11.35	93.7	90.2	Singor Island	South-West and South-Eastern Mha.		
May	1.59	+1.00	4.3	2.8	40.17	54.00	-5.43	96.4	76.2	Midnapore	Midnapore	SOUTH-WEST BENGAL.	
June	1.40	+0.21	2.5	3.2	60.84	54.00	+6.15	92.6	97.1	Calcutta	1-Pergunnahs, Howrah, and Hooghly.		
July	1.30	+2.82	3.3	2.0	57.19	48.70	+8.49	86.3	81.1	Burdwan	Burdwan		
Aug.	1.15	+0.60	2.5	2.8	54.00	54.00	+0.80	97.4	86.7	Bankura	Bankura		
Sept.	0.60	+1.44	2.0	2.0	63.07	53.38	+15.29	101.6	67.3	Raipur	West Burdwan and Berhampore.	SOUTH-WEST BENGAL.	
Oct.	0.75	+2.78	3.5	2.2	61.52	50.50	+13.40	101.0	81.8	Berhampore	Moorsheadabad		
Nov.	1.59	+3.37	4.0	3.0	60.22	51.93	+8.30	87.8	64.4	Krishnagar	Nadua		
Dec.	2.12	+3.00	3.8	3.7	63.06	50.89	+6.77	87.0	91.5	Jessore	Jessore and Khoulia		
Jan.	1.90	+2.01	5.0	2.4	133.58	116.45	+17.13	118.5	112.0	Chittagong	Chittagong	EAST BENGAL.	
Feb.	2.00	+3.00	7.0	3.9	98.14	83.05	+15.19	130.5	120.5	Dumra	Chittagong Hill Tracts		
Mar.	1.00	+1.62	4.5	4.0	81.61	61.20	+0.43	115.6	102.7	Barrack	Backerganj		
Apr.	3.14	+7.44	0.5	5.2	128.54	113.43	+15.41	119.5	116.9	Noakhali	Noakhali		
May	2.48	+2.31	0.5	4.3	65.54	50.82	+5.51	91.3	94.7	Faridpur	Faridpur	EAST BENGAL.	
June	2.81	+1.81	5.8	4.3	81.57	63.63	+19.04	100.5	97.8	Dacca	Dacca		
July	3.80	+2.84	7.3	5.3	84.13	75.87	+8.26	108.0	100.0	Comilla	Tipperah		
Aug.	1.86	+2.07	7.0	3.8	72.32	70.35	+2.17	95.0	95.9	Mymensingh	Mymensingh		
Sept.	0.88	+3.33	6.5	2.2	70.51	58.05	+12.47	89.6	82.0	Bogra	Bogra	EAST BENGAL.	
Oct.	1.22	+4.63	0.0	3.1	65.61	55.82	+9.74	106.0	84.7	Serajgunj	Pabna		
Nov.	0.73	+2.30	5.0	2.1	62.85	55.40	+7.37	81.0	81.7	Rampore Beau- rean.	Rajshahye		
Dec.	0.61	+0.11	2.0	1.8	61.45	54.85	+6.60	82.5	88.5	Maldah	Maldah		
Jan.	0.59	+1.08	2.0	1.7	70.75	54.80	+20.95	93.0	79.7	Dinapore	Dinapore	NORTH BENGAL.	
Feb.	1.31	+1.28	3.0	3.2	70.41	70.21	+1.20	85.7	80.1	Ranipore	Ranipore		
Mar.	1.75	+1.34	4.4	3.1	112.80	112.72	+0.11	106.8	101.6	Jalpaiguri	Jalpaiguri and Cooch Bihar.		
Apr.	1.80	+0.51	5.3	4.4	143.18	110.71	+24.27	133.8	117.9	Darjeeling	Darjeeling Hill Tracts		
May	0.45	+0.28	1.8	1.3	80.80	57.72	+23.14	92.0	71.4	Purneah	Purneah and North Bhagalpore.	NORTH BENGAL.	
June	0.47	+0.38	1.7	1.4	61.06	43.63	+18.93	74.7	60.0	Mozufferpore	Mozufferpore		
July	0.50	-0.33	0.7	1.2	63.20	43.83	+19.35	70.0	59.0	Darbhanga	Darbhanga		
Aug.	0.40	-0.37	1.5	1.2	62.17	46.34	+15.83	72.5	65.1	Motihari	Chumpanun		
Sept.	0.21	+0.08	1.7	1.1	63.22	42.23	+20.99	71.6	69.4	Chupra	Saran	NORTH BENGAL.	
Oct.	0.37	+0.28	1.8	1.5	56.88	40.23	+16.65	72.8	64.5	Dharr	Saahabad		
Nov.	0.30	+0.38	1.5	1.5	60.58	40.09	+20.53	80.3	69.1	Gya	Gya		
Dec.	0.37	+0.30	2.3	1.3	62.23	41.07	+21.16	82.0	64.3	Bankipore	Patna		
Jan.	0.80	+0.88	1.8	1.3	64.00	42.94	+19.12	80.2	68.9	Bhagalpore	South Bhagalpore and Monghyr.	SOUTH BENGAL.	
Feb.	0.63	+0.69	2.3	1.5	72.63	40.96	+31.66	97.7	77.3	Naya Doonka	Sentinal Pergunnahs		
Mar.	1.06	-0.85	0.8	3.4	59.89	51.52	+7.37	98.4	85.3	Hazariabagh	Hazariabagh		
Apr.	0.91	-0.81	1.0	3.8	50.43	40.12	+10.31	101.2	80.4	Raonee	Leonarduga and Ma. unoon.		
May	1.35	-1.34	1.0	3.3	45.02	54.24	-10.32	90.0	98.4	Chaubassa	Singuroom	CHUTIA NAG.	

Table of Rainfall recorded at Station

[illegible]

21	22	23	24	25	26	27	28	29	30	31	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st January up to 31st March 1897.	Average rainfall from 1st January up to 31st March 1897.	Station.	District.	Meteorological division.
...	0.03	0.17	2	2.0	0.20	0.58	0.17	0.57	1.80	Poorce	Poorce	Orissa.
...	1	1.0	0.20	0.58	0.17	0.57	1.80	Khurda.	...	...
...	1	1.0	0.20	0.58	0.17	0.57	1.80	Bupur	...	...
...	1	1.0	0.20	0.58	0.17	0.57	1.80	Pd. Point.	...	...
...	1	1.0	0.20	0.58	0.17	0.57	1.80	Opp.	...	...
...	1	1.0	0.20	0.58	0.17	0.57	1.80	Chitli.	...	...
...	1	1.0	0.20	0.58	0.17	0.57	1.80	Jagatsingapore.	Cuttack	...
...	1	1.0	0.20	0.58	0.17	0.57	1.80	Banki.	...	...
...	1	1.0	0.20	0.58	0.17	0.57	1.80	Cuttack.	...	...
...	1	1.0	0.20	0.58	0.17	0.57	1.80	Kendrapara.	...	...
...	1	1.0	0.20	0.58	0.17	0.57	1.80	Jajpur.	...	...
...	1	1.0	0.20	0.58	0.17	0.57	1.80	Thakurpalla.	...	...
...	1	1.0	0.20	0.58	0.17	0.57	1.80	Sakpur.	...	...
...	1	1.0	0.20	0.58	0.17	0.57	1.80	Chandbali.	Balasore.	...
...	1	1.0	0.20	0.58	0.17	0.57	1.80	Boudhenek.	...	...
...	1	1.0	0.20	0.58	0.17	0.57	1.80	Sorah.	...	...
...	1	1.0	0.20	0.58	0.17	0.57	1.80	Balasore.	...	...
...	1	1.0	0.20	0.58	0.17	0.57	1.80	J. Basore.	...	...
...	1	1.0	0.20	0.58	0.17	0.57	1.80	Bartodah.	...	...
...	1	1.0	0.20	0.58	0.17	0.57	1.80	Contai.	Midnapore	South-West Bengal.
...	1	1.0	0.20	0.58	0.17	0.57	1.80	Saugor Island.	...	...
...	1	1.0	0.20	0.58	0.17	0.57	1.80	Tamra-k.	...	...
...	1	1.0	0.20	0.58	0.17	0.57	1.80	Midnapore.	...	...
...	1	1.0	0.20	0.58	0.17	0.57	1.80	Contai.	...	...
...	1	1.0	0.20	0.58	0.17	0.57	1.80	Debag.	...	...
...	1	1.0	0.20	0.58	0.17	0.57	1.80	Heria.	...	...
...	1	1.0	0.20	0.58	0.17	0.57	1.80	Shagwanpore.	...	...
...	1	1.0	0.20	0.58	0.17	0.57	1.80	Garbha.	...	...

Table of Rainfall recorded at Stations

Metereological division.	District.	Station.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
WEST BENGAL —contd.	Nonkholly— —contd.	Harishpore	...	1.49	...	...	...	...	...	...	...	...	...	...	...	...	0.07	0.50	...	...	...	...
		Rampur	...	1.11	...	...	...	...	...	...	...	...	...	...	...	...	0.07	0.25	...	...	...	...
		Madanpore	0.22	...	...	...	...	...	...	...	...	...	...	...	...	0.01	0.30	0.24	...	...	...	...
		Farredpore	...	...	...	...	...	...	...	...	...	...	...	...	...	1.30	0.30	0.31	...	...	...	...
	Dacca	Goalundo	...	...	...	...	...	...	...	...	...	...	...	...	...	0.47	0.01	...	...	...	...	...
		Munshikanga	0.10	...	...	...	...	...	...	...	...	...	...	...	...	0.37	0.44	...	...	...	...	...
		Dacca	...	...	...	...	...	...	...	...	...	...	...	...	...	0.71	0.25	...	...	...	...	...
		Narainpore	...	...	...	...	...	...	...	...	...	...	...	...	...	1.36	...	...	...	...	...	...
	Hill Tipperah	Munshikanga	...	...	...	...	...	...	...	...	...	...	...	...	...	1.02	...	...	...	...	...	...
		Jogdhpore	3.08	...	...	...	...	...	...	...	...	...	...	...	...	0.33	...	...	...	...	...	...
		Agartala	...	...	0.65	...	...	...	0.85	...	...	...	0.04	1.04	...	0.33	...	...	...	...	...	...
		Tipperah	...	...	...	...	...	...	2.05	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tipperah	Comilla	...	1.33	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chandpore	...	0.30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Brachmanberia	...	2.30	...	...	...	...	...	...	...	...	...	...	...	0.81	1.01	0.31	...	...	...	...
		Ramchandrapore	...	...	...	...	...	...	0.22	...	...	...	...	...	...	...	...	...	...	...	...	...
	Mymensingh	Nasirpore	2.45	0.74	...	...	...	...	...	...	...	...	...	...	...	1.74	1.80	0.05	...	...	...	...
		Nasirpore	...	1.80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Daudkandi	0.41	0.04	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kasbi	...	...	...	...	...	...	1.03	...	...	...	...	...	...	...	...	...	...	...	...	...
	Mymensingh	Laksham	...	...	...	...	...	...	0.00	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kishoreganj	1.28	...	...	...	...	...	0.24	...	...	...	...	...	...	0.11	0.82	...	...	...	...	...
		Atm (landed)	0.35	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mymensingh	2.23	0.02	...	...	...	...	...	...	...	...	...	...	...	0.20	1.07	0.24	0.45	...	...	...
	Mymensingh	Jamshpore	1.91	...	...	...	...	...	...	...	...	...	...	...	...	0.08	0.04	...	...	...	...	...
		Netrokona	0.24	0.17	...	...	...	...	...	...	...	...	...	...	...	0.27	...	...	...	...	...	...
		Subornakhali	2.05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dewanganj	0.58	0.2																		

Bengal in March 1887—continued.

21	22	23	24	25	26	27	28	29	30	31	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st January 1887 up to 31st March 1887.	Average rainfall from 1st January up to 31st March 1887.	Station.	District.	Meteorological division.
...	0.24	0.20	1.50	0.80	...	4	...	4.20	...	1.60	7.21	...	Harishpore...	Nonkhally—	EAST BENGAL
...	0.62	0.41	1.08	1.89	...	7	...	5.47	...	1.98	7.94	...	Baranaut.	conchd.	—contd.
...	0.53	0.37	1.00	1.38	...	7	...	4.17	...	1.42	6.27	...	Madhupore...	Furzedpore.	
...	0.40	...	2.15	1.00	0.12	6	...	3.93	...	1.34	6.02	...	Purzedpore.		
...	6	...	5.00	...	2.15	6.86	...	Goulundo.		
...	0.24	0.21	0.86	1.43	...	7	...	4.81	3.00	1.43	6.01	...	Munshingunge.	Dacca.	
...	0.48	0.81	0.78	1.02	...	7	...	3.90	2.54	1.02	4.50	...	Dacca.		
...	0.29	0.40	0.63	1.70	...	6	...	4.13	3.10	1.20	5.14	...	Faridnagar.		
...	0.52	...	2.16	1.01	...	4	...	5.05	1.95	2.45	6.53	...	Mamukunge.		
...	0.26	1.15	0.15	1.00	...	6	...	6.66	...	3.08	8.27	...	Joydohpore.		
...	1.14	0.62	1.12	...	8	5.0	7.57	4.72	1.44	9.20	Agartola	Hill Tipperah.	
...	1.05	0.80	1.27	...	7	6.0	7.49	3.66	2.25	8.09	Gonilla	Tipperah.	
...	0.30	0.10	1.30	2.10	...	7	...	4.20	3.30	2.10	6.70	...	Chandpore.		
...	0.40	0.47	...	0.52	...	8	...	7.31	4.66	2.60	8.92	...	Rahmataberin.		
...	Ranchandra-		
...	0.11	0.22	0.61	0.45	...	9	...	6.20	...	2.65	7.44	...	pore.		
...	1.54	0.50	...	7	...	9.10	...	1.80	9.98	...	Narainagar.		
...	0.74	0.82	1.47	...	6	...	...	1.45	...	...	Dandahat.		
...	0.55	...	0.28	0.39	...	6	...	4.13	...	1.00	5.58	...	Kishu.		
...	1.16	0.20	...	3	...	1.00	...	1.15	3.48	...	Laksham.		
...	0.36	0.25	0.10	...	8	5.0	3.91	3.05	1.25	5.18	...		
...	0.29	0.29	0.15	0.77	...	6	...	4.14	...	1.4	5.65	...	Kishoregunge.	Mytensingh	
...	0.37	0.80	0.65	0.81	...	10	...	7.73	2.21	2.35	8.65	...	Atia (Tangul).		
...	Mytensingh.		
...	0.62	...	...	...	...	...	...	...	...	...	...	...	Jamshpore.		
...	1.22	0.57	1.16	1.60	...	9	...	6.10	...	1.91	7.00	...	Natrokora.		
...	1.62	0.03	0.40	1.29	...	6	...	...	...	...	6.56	...	Saharnakhally.		
...	1.38	0.80	0.50	...	...	8	...	...	...	...	8.45	...	Durgapore.		

Table of Rainfall recorded at Station

Meteorological division.	District.	Station.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
SOUTH BHAR.	Bhahabad ...	Buxar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0'50	...	...	...	...	...
		Behree ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhubnesh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sasarnu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Arrah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gya ...	Mohaniah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0'70	...	...	...	...	...
		Aurangabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gya ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nowadah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0'03	...	...	...	...	...
		Jehanabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0'33	...	...	...	...	...
		Arwal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Daundnagar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sherrphat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rajauli ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pakri Bara- wan. ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0'33	...	...	...	...	...
	Patna ...	Patna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0'14	...	...	...	...	...
		Dinapore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0'30	...	...	...	...	...
		Belmi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1'50	...	...	...	...	...
		Barri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0'20	...	...	...	...	...
		Buckrun ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0'20	...	...	...	...	...
	Monghyr ...	Hilsa ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0'50	...	...	...	...	...
		Begoonserai ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Monghyr ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jamun ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0'74	...	...	...	...	...
		Gogri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	South Bhagul- pore.	Sheikpura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhagulpore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0'20	...	...	...	...	...
		Banka ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0'01	...	...	...	...	...
	Sonthal Per- gunnahs.	Kolung ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rajmehal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0'05	...	...	...	...	...

[illegible]

METEOROLOGICAL AND RAINFALL SUMMARY OF THE PROVINCE OF BENGAL FOR THE MONTH OF MARCH 1887.

THE weather of the past month has been marked by unusually large variations from the normal features of the month.

During the latter part of the month of February the barometer fell steadily for several days, and was about a quarter of an inch below its normal height at the end of the month. Strong southerly winds were blowing across the Bengal and Orissa coasts to the area of depression in North Bengal. The weather became unsettled, and a series of thunder-storms took place in North and East Bengal on the 1st and 2nd of March. They occurred on the 1st in the northern districts of East Bengal (including Tipperah, Dacca and Mymensingh), and in the northern and eastern districts of North Bengal (including B. gra. Pubna, Dinagepore, Rungpore and Cooch Behar).

They were almost entirely confined to the south-eastern districts of East Bengal (including Chittagong, Backergunge, Noakholly and Tipperah) on the 2nd and 3rd, after which fine weather was established throughout the province. The heaviest falls reported during this period were 5 inches at Fenny on the 2nd, 3.08 inches at Joydebpore, and 3.63 inches at Nowkhila on the 1st.

The barometer began to rise on the 1st, and pressure increased rapidly until the 3rd. Cool, dry westerly to north-westerly winds extended from Behar across Western and Central Bengal on the 3rd and 4th, and the weather on these days was hence dry, cool and pleasant throughout Bengal.

From the 5th to the 8th hot weather conditions were gradually re-established over the province. The barometer began to fall, winds became light and variable and then shifted round to south or south-west in the coast districts, and temperature increased more or less rapidly from day to day. The day temperature of the second week of the month was from 1° to 4° above the average temperature of the period, and the night temperature $\frac{1}{2}^{\circ}$ to 4° above it. Pressure decreased rapidly on the 10th and 11th, and was on the latter day from one to two-tenths below the normal pressure of the day. This fall of the barometer was accompanied by the usual increase in the strength of the sea winds in the southern districts of Bengal. These conditions gave rise to a disturbed state of the atmosphere, shown by the occurrence of a series of thunder-storms. They began in East Bengal on the 12th, and extended to North Behar and North Bengal on the 13th, but the rainfall on these two days was not large in amount. A rapid fall of the barometer occurred during the next 24 hours, and preceded a vigorous series of storms on the evening of the 14th, which were attended with heavy rain over the greater part of East Bengal, North Bengal, the central and northern districts of South-West Bengal and in Behar. The Moorshedabad and Rajshahye districts received the largest amounts. The former obtained an average of $1\frac{1}{2}$ inches on that day, and the latter one inch. The barometer began to rise again on the 15th. Thunder-storms occurred on that day in Orissa, South-West Bengal and some parts of East Bengal, but the rainfall was small in amount. A few showers fell in the south-eastern districts of East Bengal on the 16th. The weather then began to clear up on the 15th and 16th, when the winds changed in character. Westerly winds re-commenced in Behar and extended eastwards into Bengal, and the air became rapidly drier. The temperature was slightly below the normal of the period during the day, but the night temperature was from 1° to 4° in excess. The temperature fell rapidly (especially the night temperature) with the changed conditions of humidity and wind. The weather during the next eight days was such as occurs more usually in the month of February than in March. Dry land winds prevailed over nearly the whole of the province. Temperature was unusually low, and the air remarkably dry. The minimum or night temperatures on the 19th, 20th and 21st were from 10° to 15° below the normal in North Bengal and North Behar. The land winds began to retreat from the coast districts of Bengal on the 22nd, and southerly winds gradually set in and extended northwards.

No change, however, occurred in Behar, Chutia Nagpur or North Bengal, and remarkably low humidities were registered in Chutia Nagpur and Behar. The 10 A.M. humidity at Hazaribagh on the 21st was only 7 per cent. and at Dehree 5 per cent. The normal humidity of these stations in March is 30. Temperature increased steadily, but was throughout below the average of the period. The deficiency in the day temperature averaged 3° over the greater part of the interior of the province, and of the night temperature from 1° to 8° (at Purneah). On the 25th strong south-westerly humid winds were blowing across the Bengal coast into the interior, whilst abnormally dry westerly winds were advancing across Behar and Chutia Nagpur into the same area. The intermingling and interaction of these two currents, as opposed in character as they were in direction, apparently initiated a series of changes, which were accompanied and followed by a remarkably vigorous and prolonged series of thunder-storms, that gave rain to almost every district of the province. The barometer began to fall on the 25th, and fell considerably until the 28th, after which it oscillated rapidly for 48 hours and then began to rise.

Storms occurred in Orissa and South-West Bengal on the 26th, attended with heavy showers of rain in some cases. On the 27th the storms occurred over a larger area, including South-West and East Bengal, and the northern districts of Northern Bengal, and some very heavy showers fell on that day in Eastern Bengal. The storms were confined almost exclusively to East Bengal on the 28th, and to portions of East and South-West Bengal on the 29th, and the rainfall of these two days was small in amount.

as compared with that of the 27th. The general disturbance (of which the thunderstorms were the local expression), as shown by the irregularity of the barometric changes, appeared to increase during this period, and culminated in an unusually extensive and vigorous series of thunder-storms on the night of the 29th and morning of the 30th. The rainfall accompanying this final series of storms extended over the whole Province. It was exceptionally heavy in portions of South-West and East Bengal, and more especially in the Hooghly, Howrah, Nuddea, and Burdwan districts and the 24 Pergunnahs. Rainfalls exceeding four inches were recorded on the 30th at Serampore (5·04 inches), Burdwan (4·56 inches), Barrackpore (4·5 inches), and Baraset (4·45 inches). Very strong winds prevailed throughout the province from the 27th to the morning of the 30th, when the conditions were reversed. Skies cleared rapidly, light local breezes replaced the strong winds, the barometer rose rapidly, and a brief interval of fine, clear, cool weather followed. The intensity of the disturbance is most easily estimated by means of the rainfall which it gave to the province. Thus East and South-West Bengal received an average of 3 inches, North Bengal 1·8 inches, and Behar ·55 inch. The normal average rainfall of the whole month varies from 3 inches in East Bengal to a third of an inch in Behar.

The chief features of the meteorology of the month were hence—

- 1.—Unusually large variations of temperature. This was shown by the contrast between the excessive temperature of the first fortnight and the low temperature of the last ten days of the month, and also by the unusually large daily and monthly range of temperature.
- 2.—Abnormally large variations of the humidity of the air. This feature was most marked in North and East Bengal.
- 3.—Heavy rainfall due to larger and more extensive disturbances than usually occur in March.

The following gives fuller details of some of the elements of meteorological observation during the past month:—

Pressure.—The variations of pressure were much smaller in amount, and occurred much more frequently than during the preceding month. The chief feature was the slow fall for some days before each series of storms, the rapid fall immediately before the disturbance, the large and irregular fluctuations during the storms, and the rapid rise coincident with the termination of each period of disturbance.

The mean pressure of the month was below the average mean pressure at all stations. The defect was greatest in Orissa and the adjacent districts of South-West Bengal, and a portion of South Behar represented by Patna and Gya, where it slightly exceeded '04". It was least in East Bengal, where it was only '02". Over the remaining districts, including the greater part of South-West Bengal, North Behar, and Chutia Nagpur, it averaged '08". The deficiency of pressure in the higher strata of the atmosphere, as represented by Darjeeling, was identical with the average deficiency in the plains, viz. '03".

Temperature.—At the commencement of the month the night temperature was from 2° to 6° above the average. The storms of the 1st and 2nd cooled the air, and the temperature of the 3rd and 4th was slightly below the average. This was followed by a general and almost continuous increase of temperature until the 11th, when the mean daily temperature was from 2° to 5° above the normal. The excess was most marked in the night temperature, which at the great majority of stations was from 6° to 10° above the normal night temperature. A series of storms occurred on the 12th, 13th, 14th, and 15th, which cooled the air considerably. Dry land winds extended eastwards, and a very great reduction occurred in the humidity of the air. From the 18th to the 25th was a period of excessive dryness of the air in every part of the province, but more especially in East and North Bengal. Unusually low minimum temperatures were registered during this period, and as the day temperature increased steadily at the same time, the differences between the night and day temperature were unusually great.

The following are the most striking examples. The range of temperature (that is, the difference between the highest and lowest temperatures of the day) on the 20th at Seraj-gunge was 35·9° and at Bogra 34·7°, on the 21st at Motihari was 41° and at Purneah 38·4°, on the 22nd at Dinagepore was 38·4°, and on the 24th at Patna was 35° and at Arrah 34°.

The highest temperatures of the month were registered at the majority of stations on the 25th. The series of storms which commenced on that day and lasted until the 30th produced a very large reduction of the day temperature, and a slight decrease in the night temperature. The former is illustrated by the following statement:—

	Maximum day temperature on the 25th.	Maximum day temperature on the 30th.	Difference.
Calcutta	95·5	78·5	17·0
Jessore	98·3	77·7	20·6
Dacca	95·1	77·1	18·0
Bogra	94·8	75·0	18·5
Dinagepore	93·6	81·6	12·0
Purneah	93·2	82·2	11·0
Arrah	96·4	85·3	11·1
Bankipore	94·8	82·7	12·1

The diminution of temperature was greatest in the area of heaviest rainfall and largest cloud amount.

Hence the first fortnight of the month was characterized on the whole by higher temperature than usual, the next ten days by abnormally low night temperatures and by very large daily range of temperature, whilst the last six days were marked by a very great reduction in the day temperature, which was greatest in Central and East Bengal, ranging from 11° to 21° in amount.

The mean temperature of the month was practically normal in Orissa and Chutia Nagpur, and was $\frac{1}{2}^{\circ}$ in defect in South-West and East Bengal and in South Behar, and 1° in North Behar.

The following table gives temperature data for eight representative stations for purposes of comparison:—

	WEEK ENDING 4TH MARCH 1887.		WEEK ENDING 11TH MARCH 1887.		WEEK ENDING 18TH MARCH 1887.		WEEK ENDING 25TH MARCH 1887.	
	Variation of actual mean maximum temperature of week from normal.	Variation of actual mean minimum temperature of week from normal.	Variation of actual daily temperature of week from normal.	Variation of actual mean maximum temperature of week from normal.	Variation of actual mean minimum temperature of week from normal.	Variation of actual daily temperature of week from normal.	Variation of actual mean maximum temperature of week from normal.	Variation of actual mean minimum temperature of week from normal.
Cuttack	+3.5	+2.6	+3.1	+2.0	+0.4	+1.2	-1.8	+2.5
Calcutta	+0.8	+4.1	+2.5	+0.9	+2.2	+1.5	-2.0	+3.4
Burdwan	+1.2	+1.9	+1.6	+2.9	-0.8	+1.1	+0.9	+4.1
Dacca	-0.1	+4.1	+2.0	+2.0	+3.9	+3.0	-2.3	+1.5
Purneah	-0.9	+6.8	+3.0	+1.0	-0.2	+0.4	-2.1	+2.0
Patna	+1.0	+5.2	+3.1	+1.4	+1.5	+1.5	+2.6	+1.0
Hazaribagh	+2.5	+4.1	+3.3	+3.8	+1.9	+2.9	+1.9	+1.1
Darjeeling	+4.9	+2.5	+3.7	+0.8	+3.3	+2.0	-1.5	-0.0

Humidity.—The variations of humidity have been unusually large during the past month. Each series of storms and period of rainfall was immediately followed by a very rapid decrease of humidity and extension of westerly dry winds from Behar across Central into East and South-West Bengal. After two or three days, southerly winds set in over the coast districts, and were, just before and during the stormy periods, continued as easterly winds over North Bengal and Behar. It is very unusual for the dry winds to influence the weather in Eastern Bengal during March so strongly as in the present year. The interval from the 16th to the 25th was especially remarkable for the dryness of the air in Eastern Bengal. The following table illustrates this feature:—

	Lowest 10 A.M. humidity during week ending March 25th.	Average 10 A.M. humidity of week ending March 25th.	Normal 10 A.M. humidity, March.
Dacca	28	46	63
Jessore	25	36	63
Rungpore	24	42	59
Dinagapore	22	27	45
Purneah	29	36	48
Motihari	27	36	46
Patna	24	31	40
Buxar	14	19	86
Dehree	5	18	87
Hazaribagh	7	11	29

Rainfall.—As already stated, there were three periods of rainfall during the month—

1st.—From the 1st to the 4th, during which showers of moderate intensity were received in East and North Bengal.

2nd.—From the 12th to the 16th, when thunder showers occurred in almost every district. Heavy rainfall was, however, confined to a few districts in East and South-West Bengal, more especially Moorshedabad, Rajshahye and Mymensingh.

3rd.—From the 26th to the 31st, when an unusually severe series of storms occurred and gave an exceptionally hot weather burst of rainfall. East and South-West Bengal received the heaviest showers.

Every district, except Chutia Nagpur, has received rainfall during the month in excess of its normal amount. The districts which have received the largest averages are—Noakholly 10.58 inches, Comilla 6.64 inches, and Pubna 5.85 inches. These amounts are from three to five times the normal rainfall of the month. The following districts have received amounts ranging between four and five inches, and from two to four times the normal rainfall:—Nuddea, Mymensingh, Furreedpore, Dacca, Jessore, Burdwan, Bogra and Chittagong; the following amounts between three and four inches:—the 24-Pergunnahs, Howrah, Hooghly, Moorshedabad, Backergunge, Rajshahye, Julpigoree, and Cooch Behar. In these districts the rainfall was one to two inches above the average. Balasore, Midnapore, Beerbhoom, and Rungpore received averages between one and two inches, and Cuttack, Bancoorah, Dinagapore, Patna, and Bhagulpore amounts ranging between one and two inches.

East Bengal, on the whole, received a total average rainfall during the month of 5.33 inches, or slightly more than double the average amount (2.50 inches); South-West Bengal of 8.48 inches, or considerably more than twice the average (1.86 inches); North Bengal 2.71 inches, or nearly three times the normal average (1.06 inches); South Behar obtained an average of one inch, or three times its normal amount; North Behar 0.47 inch, and Orissa 1.56 inches, slightly more than their respective average amounts, whilst Chutia Nagpur had only an average fall of one-tenth of an inch, its normal fall in April being one inch.

The following table gives the summary of the temperature and rainfall data of each of the seven Meteorological Divisions of the Province for the month of March 1887:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.							RAINFALL.						
	Highest observed during month.	Lowest observed during month.	Averages for month.			Average mean of month above or below normal mean of month.	Of month.			Rainy days.			Since 15th May 1886.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in month.	Normal average number in month.	Variation.	Average.	Normal average.
Orissa	101.9	62.1	83.1	73.6	80.9	+0.2	1.56	1.14	+0.42	3.0	2.5	+0.5	62.91	55.66
South-West Bengal	101.3	55.0	81.0	69.8	80.4	-0.4	3.43	1.36	+2.07	3.4	2.9	+0.5	60.40	54.57
East Bengal	98.1	59.1	85.6	69.0	76.8	-0.7	5.33	2.38	+2.95	6.3	4.3	+2.0	87.16	78.46
North Bengal	85.3	50.5	67.3	62.2	74.8	-	2.91	1.06	+1.85	4.2	2.3	+1.9	80.01	70.95
North Behar	86.5	48.6	67.8	60.1	74.0	-1.2	0.47	0.37	+0.10	1.5	1.3	+0.2	63.87	49.04
South Behar	88.7	55.0	70.2	63.0	77.1	-0.5	1.00	0.38	+0.62	2.0	1.4	+0.6	64.72	43.36
Chutia Nagpur	85.5†	51.0†	69.2†	62.6†	75.9†	+0.1†	0.11	1.03	-0.92	0.0	2.7	-1.7	54.04	50.85

* Chupre not included.

† Chyebassa not included.

METEOROLOGICAL OFFICE, BENGAL;
The 12th April 1887.

JOHN ELIOT,
Meteorological Reporter to the Govt. of Bengal.

Meteorological Report of the Province of Bengal

METEOROLOGICAL DIVISION.	DISTRICT.	Representative station.	STATION OBSERVATIONS.												
			AIR PRESSURE.			WIND.		TEMPERATURE.							
			Mean barometric height, 10 A.M.	Measured to sea-level.	Variation from mean.	Prevailing direction.	Mean wind velocity.	Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.
ORIGINAL.	Pooree	Gopalpore	29.913	29.963	—	SSW	296	86.2	8th April	75.8	7th April	85.0	70.7	80.8	—
		False Point	29.959	29.979	+0.020	SSW	254	91.5	5th	80.1	3rd	87.4	73.2	79.9	-1.4
	Cuttack	Cuttack	29.885	29.967	+0.082	SW	65	90.0	6th	71.8	5th, 7th	96.0	73.2	85.6	-2.5
	Balasore	Balasore	29.914	29.973	—	S, S SW	57.8	89.4	4th	69.0	6th	86.17	71.4	78.9	—
	South-West Midnapore	Saugor Island	29.943	29.960	+0.017	S, SW	243	90.2	5th	75.0	8th	86.5	77.8	83.1	-0.9
SOUTH-WEST BENGAL.	South 24-Pergunnahs	Midnapore	29.799	29.950	—	S	117.8	99.3	6th	69.2	8th	96.2	71.6	83.9	—
	Howrah	Calcutta	29.932	29.954	+0.022	SSW	120	93.5	6th	70.2	7th & 8th	91.3	71.1	81.2	-3.9
	Hooghly														
	Burdwan	Burdwan	29.850	29.952	+0.102	SSW	82.3	97.6	7th	68.0	5th	95.3	71.3	83.3	-3.0
	Bankoora	Bankoora	29.820	—	—	S	17	101.1	7th	70.1	6th	97.4	72.1	84.8	—
	Berhampur	Raneegunge	29.811	—	—	SW	74.1	101.8	7th	67.5	5th	98.3	70.6	84.5	—
	West Burdwan														
	Moorshedabad	Berhampur	29.870	29.944	+0.074	SSW	101.0	94.7	8th	65.2	5th	92.3	68.9	80.0	-5.1
	Nuddea	Krishnagur	29.800	—	—	S	108.5	94.6	6th	64.5	5th	93.3	69.5	80.9	—
	Jessore	Jessore	29.933	29.966	+0.033	SW	25.2	94.8	6th & 6th	67.5	7th	92.9	70.2	81.6	-3.3
EAST BENGAL.	Khoolna														
	Chittagong	Chittagong	29.880	29.970	+0.090	Calm	51	90.0	3rd	63.0	2nd	89.5	67.8	78.7	-2.0
	Chittagong Hill Tracts	Demagiri				Observations not received.									
	Raekergunge	Barrisal	29.945	29.957	—	Westerly	54.8	91.8	7th April	61.1	2nd	90.5	69.1	79.7	—
	Noakholly	Noakholly	29.928	29.971	—	Calm	11.2	90.0	7th	63.0	2nd	88.6	66.8	77.7	—
	Furzedpore	Furzedpore	29.926	—	—	S	55	88.0	7th	63.0	7th	85.8	63.8	77.0	—
	Dacca	Dacca	29.945	29.967	+0.102	Southerly	75	93.1	6th & 7th	66.5	2nd	91.3	69.9	80.6	-2.3
	Comillah	Comillah	29.957	29.973	—	SE	42.4	92.3	7th & 8th	67.8	4th	89.9	69.8	79.9	—
	Mymensingh	Mymensingh	29.924	—	—	Calm, SE	56	90.3	6th-8th	60.1	3rd	89.0	68.8	78.9	—
NORTH BENGAL.	Bogra	Bogra	29.860	29.924	—	Calm	4.2	94.5	6th	61.7	5th	92.5	67.3	79.8	—
	Pubna	Serajgunge	29.860	29.913	—	SEW	79.0	94.1	8th	61.2	5th	90.5	67.1	78.8	—
	Rajshahye	Rampore Beaulah	29.851	29.921	—	South-westerly	97.4	94.3	6th-8th	64.7	3rd	92.9	63.1	80.5	—
	Maldah	Maldah	29.760	—	—	Calm	26.2	91.7	6th	58.0	3rd	93.6	63.3	78.4	—
NORTH BENGAL.	Dinapore	Dinapore	29.828	29.930	—	ENE	65.0	93.0	6th	61.2	5th	91.7	65.1	78.4	—
	Rungpore	Rungpore	29.833	29.950	—	E	84	92.2	6th	60.4	5th	90.8	64.9	77.8	—
	Julpigoree	Julpigoree	29.659	29.980	—	E	105.0	90.5	5th	60.9	5th	88.3	64.3	76.3	—
	Cooch Behar														
	Darjeeling Hill Districts	Darjeeling	29.975	—	+0.097	W	137.7	61.4	5th	40.8	6th	68.7	43.0	51.2	-2.3
NORTH BENGAL.	Purneah	Purneah	29.820	29.954	+0.134	NE, calm	27.5	93.2	6th & 8th	61.7	2nd	92.9	66.4	79.7	-2.8
	North Bhangulpore														
	Mozufferpore	Mozufferpore				Observations suspended.									
	Durbhunga	Durbhunga	29.776	29.946	+0.170	ESE	94	93.4	6th April	61.3	2nd	91.6	64.7	78.2	-3.3
	Chumpran	Motihar	29.704	29.933	—	ESE	101.0	94.0	6th	55.7	4th	92.5	60.7	76.6	—
SOUTH BENGAL.	Saran	Chupra	29.727	—	—	South-easterly, SSW	72.7	93.6	7th	58.9	3rd	94.3	65.0	79.7	—
		Dehree	29.556	29.910	—	SW	185.2	94.2	6th	64.0	2nd & 4th	89.9	67.9	78.9	—
	Shahabad	Buxar	29.678	29.921	—	WNW	140.4	98.4	6th	63.9	4th	96.1	60.7	80.0	—
		Arrah	29.713	29.911	—	E, SW	59.3	98.4	6th	60.3	4th	94.7	65.3	80.0	—
	Gya	Gya	29.523	29.901	+0.378	Northerly	58.2	100.3	7th	66.5	2nd	90.4	69.4	83.0	-3.6
SOUTH BENGAL.	Patna	Bankipore	29.756	29.933	+0.177	Variable	60.9	97.3	6th	61.3	3rd	94.0	65.5	79.8	-4.0
	South Bhangulpore	Bhangulpore	29.757	29.920	—	E	70	90.4	6th	60.0	3rd	93.4	65.1	79.3	—
	South 24-Pergunnahs	Dumka	29.424	—	—	Calm	6.7	97.4	7th	63.8	3rd	96.9	67.5	81.2	—
	Hazaribagh	Hazaribagh	27.929	29.923	+0.072	SW	165.9	98.0	7th	63.8	4th	92.7	66.8	79.8	-1.9
	Lehrdugga	Ranchee	27.802	29.916	—	SSW	147.1	96.8	7th	61.4	4th	91.8	65.5	78.6	—
CHYTA NAUFUE.	Singbhoom	Chyehama	29.101	—	—	S, SSW	58.2	101.3	7th	67.0	4th	97.7	71.1	84.6	—

Explanation. — Summary. — The normal means of air pressure and temperature are the arithmetical averages or means of the reading during the same period for the years 1871-80. The humidity of the atmosphere is expressed as a percentage, saturated air being represented by 100. A clear sky is denoted by 0 and an overcast sky by 10. The amount of the rainfall in that district determined from the returns sent in by the sub-divisional stations for the period in question during the same period. A rain day is one on which at least hundredth of an inch fell.

* Means for 5 days.

for the week ending Friday, the 8th April 1887.

DISTRICT OBSERVATIONS.														Representative station.	DISTRICT.	METEOROLOGICAL DIVISION.
RAINFALL.																
Of week.		Since 1st of Month.			Since 15th May 1886.			Average number of rainy days.	Normal number of rainy days.							
Mean for district.	Normal mean.	Mean for district.	Normal mean.	Variation.	Mean for district.	Normal mean.	Variation.									
0	Nil	—	—	—	—	—	—	—	—	Gopalpore	...	Pooree	...	ORISSA.		
2.4	Nil	Nil	0.37	Nil	0.39	—0.30	61.06	58.09	+3.87	0.0	0.4	False Point	...			
1.1	Nil	Nil	0.19	Nil	0.19	—0.10	65.69	53.87	+11.82	0.0	0.5	Cuttack	...			
0.1	Nil	Nil	0.25	Nil	0.28	—0.28	60.04	50.41	+13.63	0.0	0.6	Balasore	...			
1.0	Nil	Nil	0.13	Nil	0.13	—0.13	54.40	65.06	—11.50	0.0	0.6	Saugor Island	...	South-West Midnapore	...	
2.4	0.40	0.26	0.20	0.26	0.20	+0.06	49.42	54.84	—5.42	0.7	0.6	Midnapore	...	South 24-Pergunnahs	...	
1.7	Nil	0.10	0.29	0.10	0.34	—0.24	60.95	55.06	+5.89	0.4	0.7	Calcutta	...	24-Pergunnahs	...	
2.7	0.07	0.15	0.23	0.15	0.36	—0.21	57.34	49.11	+8.23	1.7	0.6	Burdwan	...	Howrah	...	
1.6	0.16	0.18	0.11	0.13	0.13	+0.01	55.09	54.17	+0.93	1.0	0.4	Bankoora	...	Hooghly	...	
0.0	0.55	0.45	0.18	0.45	0.20	+0.25	60.12	53.61	+15.51	1.0	0.5	Raneegunge	...	Burdwan	...	
1.4	0.11	0.13	0.23	0.13	0.28	—0.15	64.15	50.88	+13.27	0.7	0.5	Berhampore	...	West Burdwan	...	
2.1	0.04	0.20	0.23	0.20	0.27	—0.37	60.43	52.39	+8.04	1.0	0.9	Krishnagur	...	Moorshedabad	...	
1.0	Nil	Nil	0.13	Nil	0.50	—0.50	63.05	57.41	+5.64	0.0	1.0	Jessore	...	Nuddea	...	
0	Nil	Nil	0.25	Nil	0.29	—0.29	133.58	110.75	+10.83	0.0	0.8	Chittagong	...	Jessore	...	
0.7	Nil	Nil	0.72	Nil	0.81	—0.81	98.14	84.74	+11.40	0.0	1.3	Demagiri	...	Khoulna	...	
0	Nil	Nil	0.31	Nil	0.33	—0.33	81.63	81.34	+0.29	0.0	0.7	Barrisal	...	Chittagong Hill Tracts	...	
0.3	Nil	0.08	0.49	0.08	0.68	—0.54	124.54	114.00	+14.45	0.0	1.0	Noakholly	...	Backergunge	...	
1.7	Nil	Nil	1.26	Nil	1.31	—1.31	81.57	63.80	+17.77	0.0	1.8	Furzedpore	...	Noakholly	...	
0.7	Nil	Nil	0.90	Nil	0.95	—0.05	84.13	76.85	+7.28	0.0	1.3	Dacca	...	Furzedpore	...	
2.3	Nil	Nil	0.09	0.01	0.73	—0.72	72.02	71.08	+1.44	0.0	1.3	Commillah	...	Dacca	...	
1.4	Nil	Nil	0.22	Nil	0.24	—0.24	70.53	59.31	+12.22	0.0	0.5	Mymensingh	...	Tipperah	...	
1.7	Nil	0.04	0.65	0.04	0.71	—0.67	65.45	50.62	+9.03	0.5	1.2	Bogra	...	Mymensingh	...	
0.0	Nil	Nil	0.48	Nil	0.48	—0.48	62.43	55.04	+0.89	0.0	0.9	Serajgunge	...	Bogra	...	
0.7	0.37	0.14	0.18	0.14	0.20	—0.06	63.69	55.06	+8.53	0.5	0.6	Rampore Beaulah	...	Patna	...	
0.7	Nil	0.01	0.10	0.01	0.11	—0.10	75.78	54.89	+20.87	0.2	0.3	Maldah	...	Rajshahye	...	
0	Nil	Nil	0.48	Nil	0.54	—0.54	76.42	75.70	+0.66	0.0	0.8	Dinagopore	...	Maldah	...	
0.6	Nil	0.03	0.66	0.03	0.75	—0.72	112.85	113.50	+0.65	0.2	1.0	Rangpor	...	Dinagopore	...	
4.3	0.31	0.71	0.85	0.71	0.81	—0.10	144.81	120.51	+24.30	1.3	1.3	Julporee	...	Rangpor	...	
1.0	Nil	0.06	0.14	0.06	0.17	—0.11	80.04	57.88	+23.06	0.4	0.3	Darjeeling	...	Julporee	...	
1.4	Nil	0.03	0.04	0.03	0.60	—0.03	61.09	49.10	+18.89	0.3	0.2	Purneah	...	Cooch Behar	...	
0.4	0.14	0.13	0.11	0.12	0.14	—0.02	62.28	45.49	+15.79	1.0	0.2	Mozufferpore	...	Darjeeling Hill Districts	...	
3.1	0.18	0.07	0.01	0.07	0.08	+0.05	63.39	42.25	+21.04	0.3	0.1	Darbhanga	...	Purneah	...	
3.0	0.40	—	—	—	—	—	—	—	—	—	—	Motihari	...	North Bhagulpore	...	
2.0	0.61	0.43	0.06	0.42	0.60	+0.30	57.30	40.31	+16.99	1.0	0.2	Chupra	...	Mozufferpore	...	
2.4	0.03	—	—	—	—	—	—	—	—	—	—	Delree	...	Darbhanga	...	
4.0	Nil	0.10	0.04	0.10	0.00	+0.04	66.03	41.07	+25.53	1.0	0.2	Ruzar	...	Champuram	...	
2.9	0.09	0.06	0.03	0.06	0.04	+0.03	63.29	41.13	+21.11	0.7	0.2	Arrah	...	Monghyr	...	
0	Nil	0.60	0.06	0.60	0.07	+0.03	62.35	43.06	+19.09	0.4	0.2	Gya	...	South Bhagulpore	...	
0.8	0.13	0.30	0.08	0.30	0.09	+0.21	72.22	50.05	+23.87	0.8	0.3	Bankapore	...	Bhagulpore	...	
0.0	0.27	0.13	0.02	0.13	0.04	+0.09	69.02	51.50	+7.46	0.3	0.2	Hazaribagh	...	Monghyr	...	
4.0	0.31	0.38	0.11	0.38	—0.13	+0.20	80.82	40.27	+11.55	1.3	0.4	Ranchee	...	Bonthal Pergunnahs	...	
3.8	0.17	0.17	0.13	0.17	0.15	+0.02	44.00	54.28	—10.28	1.0	0.3	Chyobassa	...	Lohardugga	...	

The variations are negative when the mean for the week is less than the corresponding normal mean, and positive when greater.
 The cloud amount represents the part of the sky covered, the whole sky being denoted by 10. Under the head "District observations of rainfall," the normal mean
 The means of the district are the numerical averages of the rainfall returns received at the district, i.e., from the total rainfall at the subdivisions.

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 8th of April 1887.

Meteorological division.	District.	Station.	RAINFALL.							TOTAL.		Total rain-fall since 1st of month.	Average total rain-fall from 1st of month.	Total rain-fall since 15th May 1886.	Average rainfall from 1st May to date.	
			Saturday, 2nd April.	Sunday, 3rd April.	Monday, 4th April.	Tuesday, 5th April.	Wednesday, 6th April.	Thursday, 7th April.	Friday, 8th April.	Number rainy days.	of Rainfall week.					
NORTH-BENGAL.	Pooree	Pooree	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'15	55'18	33'00
		Khurdah	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'14	54'35	32'00
		Baupur	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'08	54'07	31'00
		False Point	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	1'20	58'50	35'00
		Gap	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	?	58'29	35'00
	Cuttaek	Jacatsingpore	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'09	58'55	35'00
		Banki	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'11	52'40	31'00
		Cuttaek	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'16	73'15	37'00
		Kendrapara	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'17	55'54	34'00
		Jaipore	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'41	55'59	34'00
	Balsore	Dharmasalla	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	?	54'50	34'00
		Salipore	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	?	?	?
		Chandbali	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'31	55'01	34'00
		Bhuddruck	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'54	59'41	34'00
		Korah	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'20	51'71	34'00
SOUTH-WEST BENGAL.	Midnapore	Balsore	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'31	53'54	33'00
		Jellapore	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'24	53'51	33'00
		Baripodda	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'13	55'43	33'00
		Contai	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'15	44'01	33'00
		Saugor Island	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'06	55'4	33'00
	24-Pergunnahs	Purniook	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'25	47'00	33'00
		Midnapore	.....	.....	.....	.....	.....	.....	.....	0'51	1	0'51	0'51	47'19	33'00
		Ghattal	.....	.....	.....	.....	.....	.....	.....	0'28	1	0'28	0'28	54'09	33'00
		Devag	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	?	42'87	33'00
		Dhagwanpore	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	?	48'54	33'00
	Howrah	Garbeta	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	?	41'50	33'00
		Diamond Har-	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'17	54'33	33'00
		bour	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	?	50'01	33'00
		Canning Town	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'30	52'43	33'00
		Alipore Jail	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'30	50'53	33'00
	Hooghly	Baruckpore	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'50	57'31	33'00
		Dum-Dum	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'30	53'39	33'00
		Burnhat	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'15	70'35	33'00
		Burnhat	.....	.....	.....	.....	.....	.....	.....	0'01	1	0'01	0'01	55'31	33'00
		Mohuraka	.....	.....	.....	.....	.....	.....	.....	0'04	1	0'04	0'04	56'02	33'00
	Burdwan	(Gulobariah.)	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'45	55'72	33'00
		Serampore	.....	.....	.....	.....	.....	.....	.....	0'07	1	0'07	0'07	57'05	33'00
		Hooghly	.....	.....	.....	.....	.....	.....	.....	0'85	1	0'85	0'85	58'03	33'00
		Jehanabad	.....	.....	.....	.....	.....	.....	.....	0'08	1	0'08	0'08	56'20	33'00
		China	.....	.....	.....	.....	.....	.....	.....	0'04	2	0'07	0'07	52'23	33'00
	Bankura	Burdwan	0'03	.....	.....	.....	.....	.....	.....	0'04	2	0'07	0'07	53'54	33'00
		Cuttack	.....	0'20	.....	.....	.....	.....	.....	0'10	2	0'30	0'30	53'54	33'00
		Raneegunge	.....	.....	.....	.....	.....	.....	.....	0'55	1	0'55	0'55	57'22	33'00
		Manter	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	?	53'71	33'00
		Bankura	.....	.....	.....	.....	.....	.....	.....	0'18	1	0'18	0'18	52'07	33'00
	Beerbhoom	Bankura	.....	.....	.....	.....	.....	.....	.....	0'03	1	0'03	0'03	51'32	33'00
		Rahenpore	.....	.....	.....	.....	.....	.....	.....	0'21	1	0'21	0'21	50'00	33'00
		Mahura	.....	.....	.....	.....	.....	.....	.....	0'09	1	0'09	0'09	50'16	33'00
		Khatra	.....	.....	.....	.....	.....	.....	.....	0'03	1	0'03	0'03	50'07	33'00
		Indra	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	?	49'33	33'00
	Nuddea	Kotalpore	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	?	49'10	33'00
		Anda	.....	.....	.....	.....	.....	.....	.....	0'49	1	0'49	0'49	57'14	33'00
		Gangajalghati	.....	.....	.....	.....	.....	.....	.....	0'45	1	0'45	0'45	59'40	33'00
		Rajpore	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	?	58'00	33'00
		Sonamukhi	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	?	58'00	33'00
	Khoolna	Bh. Soory	0'84	1	0'84	0'84	0'12	71'23	33'00
		Helanpore	.....	.....	.....	.....	.....	.....	.....	0'20	1	0'20	0'20	58'05	33'00
		Rampore Haut	.....	.....	.....	.....	.....	.....	.....	0'10	1	0'10	0'10	59'08	33'00
		Bulpore	0'42	1	0'42	0'42	?	55'04	33'00
		Ranaghat	.....	.....	.....	.....	.....	.....	.....	0'16	1	0'16	0'16	54'32	33'00
	Jessore	Kishnaghat	.....	.....	.....	.....	.....	.....	.....	0'01	2	0'04	0'04	54'43	33'00
		Choodadanga	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'01	50'01	33'00
		Meherpore	.....	.....	.....	.....	.....	.....	.....	0'50	1	0'50	0'50	50'20	33'00
		Kooshata	.....	.....	.....	.....	.....	.....	.....	0'29	1	0'29	0'29	53'04	33'00
		Satkhira	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'33	51'53	33'00
	Moorshedabad	Bagerhat	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'40	50'03	33'00
		Khoolna	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'37	53'16	33'00
		Narail	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'53	55'11	33'00
		Jessore	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'70	59'33	33'00
		Jhenidah	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'87	54'53	33'00
	Chittagong	Mugoorah	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'71	57'09	33'00
		Bongong	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'41	57'39	33'00
		Kandi	.....	.....	.....	.....	.....	.....	.....	0'40	1	0'40	0'40	57'70	33'00
		Berhampore	.....	.....	.....	.....	.....	.....	.....	0'11	1	0'11	0'11	53'32	33'00
		Lalbagh	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'02	55'35	33'00
	Chittagong Hill Tracts.	Azumkunge	.....	.....	.....	.....	.....	.....	.....	0'10	1	0'10	0'10	50'35	33'00
		Junkipore	.....	.....	.....	.....	.....	.....	.....	0'14	1	0'14	0'14	70'05	33'00
		Lalgaia	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'05	51'35	33'00
		Akharganj	.....	.....	.....	.....	.....	.....	.....	0'05	1	0'05	0'05	?	?	?
		Cox's Bazar	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'38	150'70	33'00
EAST BENGAL.	Chittagong	Chittagong	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'19	150'02	33'00
		Kutubdia	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	?	122'57	33'00
		Satkangas	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	?	118'03	33'00
	Backergunge	Rangamati	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'75	100'51	33'00
		Hill Tracts.	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'05	59'75	33'00
	Backergunge	Patuakhali	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'18	53'29	33'00
		Porowpore	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'20	51'40	33'00
		Mirraol	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'41	57'74	33'00
		Bhola	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'37	51'40	33'00

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 8th of April 1887—contd.

Meteorological division.	District.	Station.	RAINFALL.								TOTAL		Total rain-fall since 1st of month.	Average total rain-fall from 1st of month.	Total rain-fall since 15th May 1886.	Average rainfall from 15th May to date.
			Saturday, 2nd April.	Sunday, 3rd April.	Monday, 4th April.	Tuesday, 5th April.	Wednesday, 6th April.	Thursday, 7th April.	Friday, 8th April.	Number of rainy days.	of Rainfall week.					
N. BENGAL.	Noakhally ..	Gonreddi Bazar	.....	.....	.....	.....	.....	.....	NH	NH	NH	?	68.54	?
		Noakhally	.....	.....	.....	.....	.....	.....	NH	NH	NH	0.41	118.80	118.80
		Harishpore	.....	.....	.....	.....	.....	.....	NH	NH	NH	1.13	158.77	118.80
		Ramganj	.....	.....	.....	.....	.....	.....	NH	NH	NH	?	145.80	?
	Farrakka ..	Madaripore	.....	.....	.....	.....	.....	.....	NH	NH	NH	0.71	7.00	60.66
		Farrakka	.....	.....	.....	.....	.....	.....	NH	NH	NH	0.50	0.50	03.67
	Dacca ..	Goalundo	0.25	1	0.25	0.25	0.56	00.64	57.77	
		Munshigunge	NH	NH	NH	1.04	100.81	77.38	
		Dacca	NH	NH	NH	1.02	72.01	61.54	
		Naraingunge	NH	NH	NH	1.08	80.00	64.75	
S. BENGAL.	Hill Tipperah	Manickgunge	NH	NH	NH	0.08	65.60	64.07	
		Joydebpore	NH	NH	NH	?	77.10	?	
		Agartala	NH	NH	NH	0.63	78.23	68.17	
		Comilla	NH	NH	NH	1.14	81.11	82.80	
	Tipperah	Chandpore	NH	NH	NH	0.05	92.77	84.02	
		Brinounheria	NH	NH	NH	1.00	77.29	60.83	
		Ramchandrapore.	NH	NH	NH	?	72.11	?	
		Nasirnagar..	NH	NH	NH	?	60.47	?	
	Mymensingh	Daudkandi	NH	NH	NH	?	71.07	?	
		Kasba	NH	NH	NH	?	71.30	?	
Luksham		.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	?	62.54	?
Kishoreganj		.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	1.20	78.14	73.34
W. BENGAL.	Kishoreganj	Atm (Tangail)	NH	NH	NH	0.63	58.00	59.01	
		Mymensingh	NH	NH	NH	0.84	70.70	78.34	
		Jamulpore	NH	NH	NH	0.50	60.82	60.21	
		Natrokora	NH	NH	NH	0.40	84.00	72.01	
	Subornahally	Durgapore	NH	NH	NH	?	52.17	?	
		Durgapore	NH	NH	NH	?	65.81	?	
		Dewanganj	NH	NH	NH	?	65.81	?	
		Durgapore	NH	NH	NH	?	65.81	?	
	Pubna ..	Pubna	0.08	1	0.08	0.08	0.70	60.00	57.64	
		Sherpore	NH	NH	NH	0.73	62.21	65.00	
Nowshilla		.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0.10	71.00	60.99
Hogra		.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0.14	67.83	65.03
Majshabje ..	Panchbibi	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0.07	70.81	64.17
	Banulash	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0.17	64.76	64.46
	Satore	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0.40	60.00	67.60
	Nowong	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	?	70.10	?
Maidas ..	Lalpor	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	?	60.00	?
	Mando	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	?	60.00	?
	Maidas	.....	.....	.....	.....	.....	.....	0.27	1	0.27	0.27	0.19	75.02	61.03
	Chunchal	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0.21	64.00	60.03
Dinagapore	Gajol	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	?	65.00	?
	Sibganj	.....	.....	.....	.....	.....	.....	0.41	1	0.41	0.41	?	65.00	?
	Mohadepore	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0.01	80.00	60.43
	Churamon	.....	.....	.....	.....	.....	.....	0.04	1	0.04	0.04	0.01	80.00	61.32
Rangpore ..	Kaigunge	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0.20	80.00	64.00
	Dinagapore	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0.51	71.00	69.61
	Balorghat	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0.03	60.00	48.31
	Rangpore	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0.50	67.00	64.19
Jalpaiguri ..	Khawabgunge (Gyabanda.)	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0.50	73.00	70.70
	Rangpore	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0.05	80.00	70.14
	Kurigram	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0.37	84.14	80.00
	Rangpore	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	?	74.00	?
Jalpaiguri ..	Ulipore	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	?	74.00	?
	Jalpaiguri	.....	.....	.....	.....	.....	.....	0.14	1	0.14	0.14	0.78	80.00	115.00
	Alipore	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	?	100.00	?
	Fallacotta	.....	.....	.....	.....	.....	.....	0.30	1	0.30	0.30	?	100.00	?
Onach Behar ..	Debiganj	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	?	100.00	?
	Dumuria	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0.20	80.00	68.10
	Onach Behar.	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	1.40	110.00	122.26
	Mickgunge	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0.00	107.13	107.13
Dargachia Hill.	Masbhanja	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0.00	100.00	100.00
	Buxa	.....	.....	.....	.....	.....	.....	0.02	1	0.02	0.02	1.63	204.00	107.64
	Siliguri	.....	.....	.....	.....	.....	.....	0.57	1	0.57	0.57	0.31	110.00	80.00
	Dargachia	.....	.....	.....	.....	.....	.....	0.10	1	0.10	0.10	1.90	110.00	112.00
Purnea ..	Kalimpang	.....	.....	.....	.....	.....	.....	0.58	1	0.58	0.58	0.31	110.00	80.00
	Kamengunge..	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0.12	100.00	60.00
	Arrah	.....	.....	.....	.....	.....	.....	0.09	1	0.09	0.09	0.24	92.42	62.00
	Purnea	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	?	?	?
North Bhagalpore.	Gondwara	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	?	?	?
	Balarampore.	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	?	?	?
	Matari	.....	.....	.....	.....	.....	.....	0.30	1	0.30	0.30	?	80.16	?
	Kaliganj	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0.13	60.10	60.00
Durbhanga ..	Madadpore	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0.14	60.00	67.74
	Pratabganj	.....	.....	.....	.....	.....	.....	0.53	1	0.53	0.53	?	78.67	?
	Tajpore	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0.04	74.29	42.07
	Durbhanga	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0.03	67.00	45.41
Mouaffergore	Madhubani	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0.07	67.00	44.30
	Bohara	.....	.....	.....	.....	.....	.....	0.32	1	0.32	0.32	?	64.78	?
	Kushera	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	?	71.34	?
	Sitamarhi	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0.10	50.00	42.13
Unomparan ..	Mouaffergore	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0.03	60.00	40.00
	Hajipore	.....	.....	.....	.....	.....	.....	0.08	1	0.08	0.08	0.04	60.00	42.07
	Pura	.....	.....	.....	.....	.....	.....	0.04	1	0.04	0.04	?	61.00	?
	Mahua	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	?	60.00	?
Unomparan ..	Unomparan	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	?	60.00	?
	Unomparan	.....	.....	.....	.....	.....	.....	0.19	1	0.19	0.19	0.15	64.00	61.00
	Unomparan	.....	.....	.....	.....	.....	.....	0.00	1	0.00	0.00	0.13	70.20	68.81
	Unomparan	.....	.....	.....	.....	.....	.....	0.20	1	0.20	0.20	?	63.01	?

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 8th of April 1887—*concl.*

Met.ological Division.	District.	Station.	RAINFALL.							TOTAL.		Total rain-fall since 1st of Month.	Average total rain-fall from 1st of Month.	Total rain-fall since 1st of May 1886.	Average rain-fall from 1st of May to date.	
			Saturday, 2nd April.	Sunday, 3rd April.	Monday, 4th April.	Tuesday, 5th April.	Wednesday, 6th April.	Thursday, 7th April.	Friday, 8th April.	Number of rainy days.	of Rainfall week.					
NORTH BHAR —concluded.	Baru	Gopalgunge ...	...	...	...	...	...	...	Nil	Nil	Nil	Nil	60.25		
		Sewan ...	...	...	...	...	...	...	Nil	Nil	Nil	0.01	60.20		
SOUTH BHAR	Shahabad	Chaurah ...	...	...	...	...	...	...	0.20	1	0.20	0.20	60.42		
		Buzar ...	...	...	...	...	...	...	0.12	1	0.12	0.12	60.61		
		Dohree ...	...	...	...	...	...	...	0.40	1	0.40	0.40	61.77		
		Bhubanah ...	...	...	...	...	...	...	Nil	Nil	Nil	0.04	63.28		
		Bansrain ...	...	...	...	...	...	...	1.11	1	1.11	1.11	65.43		
		Arrah ...	...	...	...	...	...	...	0.08	1	0.08	0.08	66.12		
		Mohania ...	...	...	...	...	...	...	Nil	Nil	Nil	?	66.30		
	Gya	Surudabad ...	...	...	...	...	...	...	0.10	1	0.10	0.10	67.48		
		Gya ...	...	...	...	...	...	...	Nil	Nil	Nil	0.04	67.33		
		Dowadah ...	...	...	...	...	...	...	0.16	1	0.16	0.16	68.42		
		Jehanabad ...	...	...	...	...	...	...	0.02	2	0.14	0.14	68.26		
		Arwal ...	...	...	...	...	...	...	Nil	Nil	Nil	?	64.82		
		Daudnagar ...	...	...	...	...	...	...	Nil	Nil	Nil	?	64.61		
		Sherphat ...	...	...	...	...	...	...	Nil	Nil	Nil	?	61.00		
		Rajaul ...	...	...	...	...	...	...	0.40	1	0.40	0.40	?		
		Pakri karaman ...	...	...	...	...	...	...	Nil	Nil	Nil	?	60.40		
	Patna	Patna ...	...	...	...	...	...	...	0.03	2	0.11	0.11	60.55		
		Dinapur ...	...	...	...	...	...	...	0.11	1	0.11	0.11	60.55		
		Behar ...	...	...	...	...	...	...	Nil	Nil	Nil	0.05	67.98		
		Barh ...	...	...	...	...	...	...	Nil	Nil	Nil	0.03	62.35		
		Bickram ...	...	...	...	...	...	...	Nil	Nil	Nil	?	?		
		Hilsa	0.02	2	0.08	0.08	?	?		
	Munshyr	Begowaseri ...	...	...	...	...	...	...	Nil	Nil	Nil	0.03	63.06		
		Munshyr ...	...	...	...	...	...	...	Nil	Nil	Nil	0.06	67.41		
		Jamui ...	...	...	...	...	...	...	0.33	1	0.33	0.33	69.66		
		Gugri ...	...	...	...	...	...	...	Nil	Nil	Nil	?	65.01		
		Sheikhpura ...	...	...	...	...	...	...	Nil	Nil	Nil	?	65.66		
	South Bhagu-pore.	Shukulpore ...	...	...	...	...	...	...	Nil	Nil	Nil	0.13	65.76		
		Buwa	0.10	1	0.10	0.10	0.07	69.01		
		Kolgong ...	...	...	...	...	...	...	Nil	Nil	Nil	?	63.63		
	Ronthal Pergunahs.	Rajmehal ...	...	...	...	...	...	...	Nil	Nil	Nil	0.06	67.22		
		Gudda	0.10	1	0.10	0.10	0.06	67.17		
		Pakour	0.73	1	0.73	0.73	0.11	67.16		
		Nya Joonka	0.15	1	0.15	0.15	0.05	75.41		
		Dookhur	0.41	1	0.41	0.41	0.05	65.76		
		Jamitara	0.39	1	0.39	0.39	0.06	69.75		
		Sinra ...	...	...	...	...	...	...	Nil	Nil	Nil	?	67.79		
		Ranthat	0.40	1	0.40	0.40	?	?		
CHUTIA HILL-PUR.	Hazaribagh ...	Pachamba	0.13	1	0.13	0.13	0.06	61.29		
		(Giridi).		
		Hazaribagh	0.24	2	0.27	0.27	0.08	69.07		
		Semakuran	0.25	1	0.25	0.25	0.03	63.34		
		Mahudi Hills ...	...	...	...	...	...	...	Nil	Nil	Nil	?	68.60		
		Jhoomrah Hills ...	...	...	...	...	...	...	Nil	Nil	Nil	?	62.80		
		Barna	1.80	1	1.80	1.80	?	71.38		
		Chitra ...	...	...	...	...	...	...	Nil	Nil	Nil	?	69.75		
		Karagdeha ...	...	...	...	...	...	...	Nil	Nil	Nil	?	61.50		
		Kumhar ...	...	...	...	...	...	...	Nil	Nil	Nil	?	65.60		
	Lohardugga...	Lohardugga	0.18	0.03	2	0.21	0.21	?	61.40		
		Kahani	0.32	0.24	2	0.56	0.56	0.17	64.71		
		Paikow	0.06	1	0.06	0.06	0.03	61.53		
		Silli ...	...	...	...	...	...	...	Nil	Nil	Nil	?	67.79		
		Batumat ...	...	...	...	...	...	...	Nil	Nil	Nil	?	61.06		
		Hosseinabad	0.15	1	0.15	0.15	?	?		
		Gurua ...	...	...	...	...	...	...	Nil	Nil	Nil	?	64.48		
	Singbhoom ...	Chyowasa	0.17	1	0.17	0.17	0.13	44.00		
		Chakrahar-pore.	0.18	1	0.18	0.18	?	67.75		
		Chatsilla ...	...	...	...	...	...	...	Nil	Nil	Nil	?	66.33		
		Bakaragura	0.26	1	0.26	0.26	?	47.96		
	Manbhoom ...	Purulia ...	...	...	...	...	...	...	Nil	Nil	Nil	0.11	46.30		
		Gopinupore	0.63	2	0.91	0.91	0.13	61.03		
		Kaphunath-pore.	0.04	1	0.04	0.04	?	61.67		
		Barrabhoom ...	...	...	...	...	...	...	Nil	Nil	Nil	?	67.66		
		Jhulda	Nil	Nil	Nil	?	?			
		Gasa ...	...	...	...	...	...	...	Nil	Nil	Nil	?	59.96		

Explanation.—Indicates that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting, the corresponding spaces in the total rainfall columns are left blank.

CALCUTTA, the 14 April 1887.

**SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS
TAKEN IN BENGAL FOR THE WEEK ENDING FRIDAY, THE 8TH OF
APRIL 1887.**

At the commencement of the week under review, the barometer was unusually high, and the temperature considerably below the average of the season. These were after effects of the remarkable series of storms and unusual rain which occurred in Bengal during the previous week.

Westerly winds prevailed in Behar and light unsteady winds in Bengal. Temperature increased rapidly in the interior of the province, and southerly winds set in again on the 2nd over the coast districts, and gradually extended their influence over the greater part of Bengal. The barometric oscillations and movements were small in amount and were slightly irregular, the barometer on more than one occasion falling at Darjeeling when it was rising in the plains and *vice versa*. A small disturbance which appears to have formed in Upper or Central India entered the province on Wednesday afternoon. The winds shifted round to east in Behar on Wednesday morning, and the southerly winds in the coast districts increased in intensity. Skies began to cloud over in Behar, and rain in moderate amounts fell in South Behar and Chutia Nagpur on Thursday (the 7th).

The barometric depression over this area of rainfall was very slight, but the indraught to it increased rapidly and strongish winds prevailed throughout the whole province on Thursday and Friday. The westerly winds across Chutia Nagpur appear to have been continued on Thursday across Central Bengal, as remarkably low humidities were registered on that day at Calcutta, Jessore and Berhampore. The disturbance passed through Southern Bengal on Friday. Skies were overcast on that day over the greater part of the province, and light to moderate showers were received in the Beerbhoom, Midnapore, Bancoora, Burdwan, Hooghly, Nuddea and Moorshedabad districts of South-West Bengal, and in Behar and Chutia Nagpur, and also locally in the Darjeeling and Julpigoree districts of North Bengal. The largest amount registered on either of these days was .92 inch at Buxa Fort in the Bhootan Doars. The rainfall of the week was hence confined almost entirely to Chutia Nagpur, South Behar and South-West Bengal, and was small in amount Chutia Nagpur, which received the largest amount, only obtained an average of a quarter of an inch.

Pressure.—The barometric movements during the week were small and of little importance. A very slight fall accompanied the eastward passage of the disturbance through the province. Pressure was very considerably in excess during the week. The mean pressure for the week was .09" above the normal in Orissa, South-West and East Bengal, and in Central Behar, .10" at Darjeeling, .13" in North Behar, and .07" in Chutia Nagpur.

Temperature.—Has been throughout the week considerably below the average. The day temperature increased in Behar until the 6th, and in Bengal until the 7th. Maximum thermometric readings were registered on the 6th at Ranigunge (101.8°), Chyebassa (101.5°), Bankoora (101.1°), and Gya (100.3°), and on the 7th at Ranigunge (101.0°), and Bankoora (100.1°). The maximum or day temperature of the week was from 1½° at Dacca to 5° at Patna below the normal temperature of the week, and the minimum or night temperature from 2° at Purneah to 5° at Bankipore below it. The slight disturbance caused a brief, but rapid, reduction of temperature, which was greatest at Calcutta. The mean daily temperature at that station on the 8th was 12½° lower than on the 7th. The mean temperature of the week was 4.3° in defect in South Behar, 3.5° in Orissa, 3° in South-West Bengal and North Behar, and 2° in East Bengal and Chutia Nagpur.

The following table gives temperature data for eight representative stations:—

Table showing the excess or defect of the actual temperature from the normal for the week ending 8th April 1887.

	Normal mean maximum temperature for the week ending 8th April 1887.	Actual mean maximum temperature for the week ending 8th April 1887.	Variation of actual from normal.	Normal mean minimum temperature for the week ending 8th April 1887.	Actual mean minimum temperature for the week ending 8th April 1887.	Variation of actual from normal.	Normal mean daily temperature for the week ending 8th April 1887.	Actual mean daily temperature for the week ending 8th April 1887.	Variation of actual from normal.
Cuttack	96.9	96.0	-1.9	76.3	73.2	-3.1	86.1	85.6	-.5
Calcutta	95.6	91.3	-4.3	74.5	71.1	-3.4	85.1	81.2	-3.9
Burdwan	96.6	95.3	-1.3	73.3	71.3	-2.0	86.3	83.4	-2.9
Dacca	95.7	91.3	-4.4	72.8	69.9	-2.9	82.8	80.0	-2.8
Purneah	96.7	92.0	-4.7	68.4	66.6	-1.8	82.6	79.7	-2.9
Bankipore	96.8	91.0	-5.8	70.6	65.5	-5.1	84.7	79.8	-4.9
Hazaribagh	94.6	92.7	-1.9	66.8	66.3	-.5	81.7	79.3	-2.4
Darjeeling	60.6	60.7	+1.0	60.4	43.6	-16.8	53.5	51.3	-2.2

Humidity.—The air was unusually dry at the commencement of the week in Chutia Nagpur and South Behar. The lowest 10 A.M. humidities recorded were 8 per cent. at Hazaribagh on the 6th, 10 per cent. at Dehree on the same day, and 12 per cent. at Chupra and Gya on the 12th. The air was unusually dry on the morning of the 7th in Calcutta and South Bengal. Thus at Calcutta it was 38 per cent., at Krishnaghar 29 per cent., at Jessore 42 per cent., and at Dacca 54 per cent.; the average Apr

humidity at these stations varying from 60 at Calcutta to 70 per cent. at Dacca. A rapid increase of humidity took place on the 7th and 8th in Behar and Chutia Nagpur, and in Bengal on the 8th.

Rainfall—Occurred in connection with the feeble disturbance which passed through the province from west to east. South Behar and Chutia Nagpur received a few local showers of little importance on the 7th, and Behar, Chutia Nagpur, the western districts of South-West Bengal, and the most northern districts of North Bengal on the 8th.

The only districts which received an average for the week exceeding two-tenths of an inch were—the Darjeeling district (.71 inch), Shahabad (.42 inch), Lohardugga and Manbhoon (.38 inch), the Southal Pergunnahs (.3 inch), Beerbhoom (.45 inch), and Midnapore (.26 inch). The largest amounts hence fell in those districts which received the least rain from the disturbance of the previous week.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Friday, the 8th of April 1887:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.							RAINFALL.									
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 15th May 1886.		
			of highest of each day.	of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.	
Orissa	99.0	69.1	89.1	73.4	81.3	-3.5	Nil	0.26	-0.20	0.0	0.6	-0.5	Nil	0.28	02.91	55.93	
South-West Bengal ...	101.8	64.6	83.8	71.5	82.7	-3.2	0.14	2.31	-0.17	0.6	0.7	-0.1	0.16	0.36	00.53	54.78	
East Bengal	93.1	61.1	80.2	68.6	78.9	-2.1	0.01	0.72	-0.71	0.1	1.1	-1.0	0.01	0.70	87.17	79.23	
North Bengal	91.7	58.9	81.4	65.7	78.3	-	0.02	0.54	-0.50	0.2	0.7	-0.5	0.02	0.43	80.03	71.40	
North Bihar	98.5	55.7	82.8	64.2	78.5	-3.0	0.04	0.07	-0.03	0.4	0.2	+0.2	0.04	0.10	68.41	68.18	
South Bihar	100.3	60.0	84.1	66.8	80.4	-4.3	0.19	0.04	+0.15	0.7	0.2	+0.5	0.19	0.07	64.01	43.46	
Chutia Nagpur	98.5	61.4	82.3	66.2	79.2	-1.9	0.25	0.07	+0.18	1.1	0.8	+0.8	0.25	0.08	54.30	50.91	

* Chyebassa not included.

METEOROLOGICAL OFFICE, BENGAL;

The 12th April 1887.

JOHN ELIOT,

Meteorological Reporter to the Govt. of Bengal.

Results of the Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 3rd to 9th April 1887.

MONTH.	TEMPERATURE.					Mean wet bulb.	HYGROMETRY.				Rain.
	Date.	Mean.	Maximum.	Range.	Minimum.		Vapour tension.	Dew point.	Humidity.		
1887.		°		°	°	°	Inches.	°	%	Inches.	
April	3rd	...	81.7	93.2	20.9	72.3	71.7	.644	66.2	60	Nil.
"	4th	...	81.7	94.8	23.5	70.8	70.8	.608	64.5	56	"
"	5th	...	82.0	96.0	25.2	70.8	71.2	.648	66.2	57	"
"	6th	...	82.1	98.8	21.0	72.8	73.1	.695	68.4	63	"
"	7th	...	81.0	93.8	23.8	70.0	70.6	.610	64.6	58	"
"	8th	...	73.7	79.9	6.6	70.3	69.5	.666	67.1	80	"
"	9th	...	78.6	91.0	22.4	68.6	73.6	.763	71.1	78	"

The mean temperature of the seven days 80.1
The extreme variation of temperature 27.4
The maximum temperature 96.0

The mean relative humidity 65
The total fall of rain from 3rd to 9th April 1887 Nil.

The mean temperature and humidity are obtained by applying to the mean of the 10a, 16h, and maximum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringhee, in past years.

METEOROLOGICAL OFFICE, INDIA;

The 11th April 1887.

HENRY F. BLANFORD,

Meteorological Reporter to the Govt. of India.

MEMORANDUM.

THE table annexed to this memorandum shows—

1. That during the week ending 26th March 1887, births and deaths were registered in the principal Municipalities in Bengal, at the rates respectively of 19·2 and 27·8 per 1,000 of population, against 20·3 and 25·1 per 1,000 respectively, during the preceding week ending 19th March, indicating a fair advance in the registration of deaths with a falling off in that of births.

2. That these events were returned in the highest proportions from the following Municipalities :—

Births.			Deaths.		
		Ratio per mille.			Ratio per mille.
Comillah	...	42·4	Gya	...	85·4
Beaulah	...	39·4	Comillah	...	61·6
Durbhanga	...	39·3	Suburbs of Calcutta	...	48·0
Gya	...	38·3	Serampore	...	45·1
			Bali	...	42·1
			Poori	...	42·0
			Benaulah	...	34·2

3. That the mortality from the specific death-causes stood as follows, in comparison with that of the preceding week :—

				Ratio per mille during the weeks ending—	
				26th March 1887.	19th March 1887.
Cholera	...	...	...	8·1	6·3
Small-pox	...	...	...	·03	·1
Fevers	...	...	...	9·7	7·6
Bowel-complaints	...	...	...	2·8	3·8
Injury	...	...	...	·4	·4
Other causes	...	...	...	6·7	6·9

indicating chiefly that there was a sensible increase of mortality from cholera and fever, with a noticeable decrease in that from bowel-complaints.

4. That excluding small-pox, bowel-complaints, and injury, the casualty-rates from which were nowhere conspicuously great, the remainder of the above-named diseases caused the highest mortality in the following Municipalities :—

Cholera.			Fevers.			Other causes.		
		Ratio per mille.			Ratio per mille.			Ratio per mille.
Gya	...	39·3	Beaulah	...	23·9	Comillah	...	26·9
Bali	...	31·6	Comillah	...	26·9	Gya	...	16·4
Serampore	...	19·6	Gya	...	24·6	Poori	...	14·7
Poori	...	18·9	Purneah	...	24·3	Midnapore	...	12·4
Suburbs of Calcutta	...	18·6	Hughli	...	21·5	Suburbs of Calcutta	...	11·8
Naraingunge	...	16·5				Bhagulpore	...	10·9
Howrah	...	6·3						
Burdwan	...	6·1						
Patna	...	2·6						

5. That the mortality of the week distributed under the heads of Sex, Class and Age stood as follows :—

According to Sex.			According to Class.			According to Age.		
		Ratio per mille.			Ratio per mille.			Ratio per mille.
Males	...	29·1	Christians	...	20·4	Under 1 year	...	147·2
Females	...	26·3	Hindus	...	28·5	1 and under 5 years	...	39·3
Ratio of male deaths to every 100 female deaths	125		Mahomedans	...	26·3	5 " " 10 "	...	12·3
			Budhists	...	24·2	10 " " 15 "	...	10·0
						15 " " 20 "	...	13·6
						20 " " 30 "	...	18·6
						30 " " 40 "	...	25·1
						40 " " 50 "	...	20·4
						50 " " 60 "	...	34·2
						60 years and upwards	...	77·5

R. LIDDERDALE, M.D., Deputy Surgeon-General,
Sanitary Commissioner for Bengal.

The 11th April 1887.

statement showing the receipt of the Registration of Births and Deaths in the Principal Municipalities in Bengal during the week ending 26th March 1887.

[illegible]

DISTRICTS.	NAMES OF MUNICIPALITIES.	DEATHS AMONG—										RATIO PER 1,000 OF POPULATION PER ANNUM.										DEATHS.										RATIO PER 1,000 OF POPULATION PER ANNUM.										Age.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		Hindus.					Mahomedans.					Buddhists.					Other classes.					Christians.					Hindus.					Mahomedans.					Buddhists.					Other classes.					Under 1 year.					1 and under 5 years.					5 and under 10 years.					10 and under 15 years.					15 and under 20 years.					20 and under 30 years.					30 and under 40 years.					40 and under 50 years.					50 and under 60 years.					60 years and up-wards.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,
The 11th April 1887.R. LIDDERDALE, M.D., Deputy Surgeon-General,
Sanitary Commissioner for Bengal.

EAST INDIAN RAILWAY.

Statement of Goods Traffic in Staples carried during the 4 weeks ending 26th February 1887, as compared with the same period of 1886.

STAPLES.	1887.		1886.		Increase.		Decrease.	
	Weight.	Freight.	Weight.	Freight.	Weight.	Freight.	Weight.	Freight.
	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.
ANIMALS, LIVING.	No.		No.		No.		No.	
FOR SALE.								
Horses, ponies, and mules	363	0,070	134	1,517	229	4,555	17	
Cattle	38	90	85	402		548		
Sheep and goats	3,403	2,358	2,861	1,741	542	617		
Other kinds	2	53			2	53		
FOREX.								
Canes and reeds	124	208	127	207			3	1
Quintahone (Indian ruler)								
Chinese and Japanese ware	127	327	121	328	6			
Coal and coke, up	6,71,380	2,20,381	7,07,610	2,70,271			36,230	43,800
Ditto, down	21,12,336	2,30,587	22,15,776	3,00,027			1,03,440	14,340
Cotton, raw	2,39,112	2,17,000	1,67,186	1,40,220	68,916	63,478		
Twist and yarn (European)	8,586	11,405	8,503	11,400		35	7	
Ditto (Indian)	14,245	8,005	13,708	7,300	440	140		
Piece-goods (European)	1,00,280	1,77,157	1,51,400	1,71,960	5,120	5,197		
Ditto (Indian)	10,428	13,570	20,438	14,238			890	640
Awatotsa	800	100	548	352	318	57		
Other sorts, not intoxicating	1,501	1,004	1,002	1,002			100	30
Intoxicating drugs (other than opium, i.e., arsenic, bhung, ganja, and churus, &c.)	1,875	1,528	3,257	2,153			1,382	625
DRUGS AND MEDICINES.								
Indigo	1,308	1,508	1,270	1,557	24	11		
Maister or manjit	42	34	392	101			350	77
Safflower	111	50	105	45		5	54	
Turnerie	10,051	9,870	16,427	14,837			4,476	4,958
Other kinds	10,174	9,457	9,852	7,453	6,322	2,004		
Earthenware and porcelain.								
Do., manufactured	801	1,539	754	1,408	50	131		
Do., raw	17,186	2,160	15,886	7,003	1,300	367		
FIBROUS PRO-DUCTS.								
Do., manufactured (gunny bags and cloths)	95,108	25,243	71,443	37,149			6,345	5,906
Other fibres, raw	8,336	5,701	2,360	2,284	5,970	3,417		
Ditto, manufactured	2,882	175	2,611	881		271		
FRUITS & NUTS.								
Cocoanuts	3,010	3,200	1,560	2,609	1,554	891		
All other kinds	43,044	30,708	58,240	40,104			15,215	3,304
Wheat	1,66,946	48,321	2,67,404	95,711			1,10,460	37,390
Gram and pulses	2,06,274	60,441	3,14,304	84,18			10,120	33,740
GRAIN & PULSES.								
Rice, husked	10,75,381	2,59,292	7,11,141	1,24,702	3,64,240	1,34,500		
Do., unhusked	35,272	7,801	27,372	5,141	7,900	2,720		
Other rain and spring crops	2,11,410	41,101	2,08,630	56,031			82,420	15,070
Gums and resins.								
Do.	4,033	2,183	3,000	2,180	301			
HIDES & SKINS.								
Hides of cattle	98,255	61,636	1,12,380	68,130			14,134	6,480
Skins of sheep, goats, and small animals	12,157	7,002	14,913	7,093			2,756	921
HORNS.								
Do.	1,682	806	1,601	842			81	36
LAC.								
Do.	883	710	889	721			6	5
Do, stick and other kinds	20,318	14,085	21,328	14,374			1,010	280
Do, stick and other kinds	28,630	8,770	20,470	8,180	2,251	584		
Lentils manufactured	1,348	3,138	1,098	2,404	250	734		
LEATHER.								
Do., manufactured	3,082	4,400	2,400	4,301	176	179		
Liquors.								
Do.	10,870	13,127	12,701	13,021	4,109	2		104
MATS.								
Do.	316	210	322	200	20	4		
METALS AND MANUFACTURES.								
Brass and copper	42,025	32,020	41,783	31,330	842	681		
Iron	78,295	40,515	71,868	45,865	6,437	650		
Other metals	7,552	8,490	7,760	8,801			2,114	471
Oil	15,144	7,547	30,304	19,176			14,450	11,084
Opium	40,131	54,145	50,030	60,035			11,805	4,800
Paints and colours	2,634	2,700	2,800	2,728		82	226	
PROVISIONS.								
Do.	30,281	24,088	31,430	24,037			1,158	
Other kinds	7,281	1,114	6,202	6,079	1,010	230		
Railway materials.								
Construction Account	1,00,000	6,210	1,41,500	6,007	57,600			3,487
Ditto, ditto, Foreign	3,03,028	3,03,028	2,59,701	1,41,700	1,42,357	53,372		
SALT.								
Do.	4,03,012	20,000	4,01,000	14,000	1,613			3,710
SALTPETRE, &c.								
Saltpetre	57,302	2,440	60,231	2,136			4,679	1,036
Other saltpetre substances	12,131	2,000	11,355	2,657	740	65		
Linseed	68,031	3,112	20,811	8,502	58,870	21,030		
Mustard seed	2,14,211	60,048	1,45,121	54,718	25,000	9,220		
Til or linseed	68,757	1,113	31,77	0,013	20,820	6,850		
Other seeds	81,105	2,113	1,22,005	44,185			41,040	17,800
Indigo seed	1,27,138	3,113	87,918	30,501	50,190	5,080		
Tea seed								
Other	43,214	9,350	25,554	7,749	7,000	1,010		
SILK.								
Do., manufactured (European)	2,880	1,800	2,081	1,444	724	354		
Do., ditto (Indian)	209	501	288	130	5	7		
Spices	21,611	16,147	35,921	20,200			17,310	13,140
Stone and marble	1,05,730	1,115	85,047	12,483	17,692	732		
SUGAR.								
Sugar, refined	98,651	1,113	1,00,000	37,872			6,266	14,000
Do., unrefined	5,41,746	1,00,414	3,40,402	90,320	1,52,004	10,004		
Tea, Indian	2,008	810	1,761	1,118	507			1,307
Do., foreign	62	3	401	15			400	13
TOBACCO.								
Do.	14,811	5,410	17,100	5,143			2,578	3,727
WOOD.								
Timber	31,300	6,040	26,215	5,604	5,085			1,944
Firewood	73,702	5,454	68,276	5,700	16,426	1,655		
Wool, raw	381	208	480	435			90	143
Do., manufactured (European)	670	1,300	831	1,304	45	58		
WOOL.								
Wool, manufactured (Indian)	1,308	1,230	006	835	312	401		
Shawls								
All other articles of merchandise.								
Do.	2,03,391	1,63,434	2,07,581	1,77,138			4,400	13,700
Government stores	15,308	36,000	20,504	33,845			8,100	
Minerals	60,817	13,816	77,071	31,491			7,851	7,070
Total.	80,65,708	20,80,080	81,73,882	26,04,765	10,35,004	3,50,079	5,45,078	2,65,146

N. ST. L. CARTER.

Traffic Manager.

TRAFFIC MANAGER'S OFFICE, JAMALPUR, 14th April 1887.

*General remarks on the fluctuation of principal staples carried over the East Indian Railway
during the month ended 26th February 1887.*

INCREASES.

Cotton.—The increase in this staple was due to a good demand for export.
Piece-goods.—This increase may be ascribed chiefly to demand in connection with native marriage ceremonies and the approaching Holi festival.
Other fibres, raw.—This is the new traffic in hemp referred to in previous reports.
Rice (husked and unhusked).—Due to a heavy demand in Calcutta for shipment. There was still the demand referred to last month in the Central and North-Western Provinces.
Railway Material, Foreign.—Due to despatches to Sonepore for the Bengal and North-Western Railway, to Benares for the Oudh and Rohilkund Railway, and to Chowra for the Indian Midland Railway.
Seeds.—There was an increase in all descriptions of seed, except "other seeds," due to a fair demand during the period for ready sales in Calcutta.

DECREASES.

Coal and coke, up and down.—The decrease in the upward despatches follow the larger increase reported to have occurred in February in coal taken by Foreign railways.
The decrease in downwards traffic is not large when the total traffic is taken into consideration.
Gunny.—Due to absence of demand for bags, following the decrease in the export wheat traffic.
Fruits, other kinds.—Chiefly in betel-nuts from Howrah, and myrabolams from Jubbulpore line stations.
Wheat.—The decrease was in the despatches from all wheat-despatching stations, Hathras and above.
Gram and pulses.—This decrease was due to an exceptional demand in 1886 not existing in 1887.
Other rain and spring crops.—High local prices checked the demand at Howrah and elsewhere: hence this decrease.
Hides.—This decrease can only be accounted for by absence of demand at Howrah.
Oil.—The falling off was in Kerosine oil.
Opium.—Due to Government arrangements.
Salt.—There was an increase in the weight carried, attended with a slight decrease in earnings.
Spices.—This decrease was chiefly in chillies and other spices to Howrah from Mokameh and Tirhoot.
Sugar, refined and unrefined.—There was an increase in the weight carried and a decrease in the earnings due to short lead traffic over this line.

N. ST L. CARTER, *Traffic Manager.*

TRAFFIC MANAGER'S OFFICE, JAMALPUR, the 7th April 1887.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 2nd April 1887, on 1,519 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week	240,923	Rs. 3,09,174 15 0	Mds. 27,59,103 10	Rs. 7,35,095 0 0	Rs. 18,061 12 0	Rs. 10,59,511 11 0	70,446	112,276	182,722
Or per mile of railway	158	202 14 1	18,145 20	482 9 9	11 14 2	697 8 0	46	74	120
For previous 12 weeks of half-year	3,053,820	35,82,101 7 0	3,16,76,467 30	32,00,749 0 10	3,22,333 0 0	1,30,05,163 8 7	823,060	1,341,260	2,164,320
Total for 13 weeks	3,294,743	38,90,276 0 0	3,44,35,621 0	30,30,834 0 10	2,40,354 13 0	1,30,05,495 3 7	893,506	1,453,540	2,347,046
COMPARISON.									
Total for corresponding week of previous year	231,004	Rs. 3,13,713 3 0	Mds. 26,41,045 30	Rs. 6,75,402 12 3	Rs. 20,042 0 0	Rs. 10,12,218 0 0	69,161	113,761	182,922
Per mile of railway corresponding week of previous year	151	207 1 2	17,345 20	447 13 3	13 5 8	665 2 1	45	73	118
Total to corresponding date of previous year	3,116,200	37,77,387 0 7	3,32,03,641 20	37,89,733 11 3	2,85,266 0 8	1,28,40,886 13 6	890,702	1,478,413	2,369,115

Approximate Statement of gross receipts of the East Indian Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 3RD APRIL 1886.			RECEIPTS FOR WEEK ENDING 2ND APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 31ST MARCH 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 31ST MARCH 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Rs.	
1,519	Rs. 10,12,218	666	1,519	Rs. 10,59,312	697	1,516	Rs. 4,67,03,838	30,887	1,519	Rs. 4,70,40,750	31,047	Rs. 2,46,912	

PATNA-GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 2nd April 1887, on 57½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week	17,020	Rs. 9,650 1 0	Mds. 65,514 10	Rs. 3,962 13 0	Rs. 64 10 0	Rs. 13,657 8 0	1,793	1,734	3,527
Or per mile of railway	298	168 11 4	1,146 20	68 14 10	1 2 1	234 13 3	31	29	60
For previous 12 weeks of half-year	162,880	Rs. 89,712 0 0	16,09,082 19	1,50,090 11 9	1,698 6 6	1,27,387 11 3	20,784	9,664	30,448
Total for 13 weeks	179,900	90,362 10 0	16,74,596 20	1,50,090 8 9	763 0 0	1,41,040 3 3	22,577	11,418	33,995
COMPARISON.									
Total for corresponding week of previous year	10,687	Rs. 9,035 6 10	Mds. 70,541 10	Rs. 5,883 0 0	Rs. 46 10 0	Rs. 15,563 0 10	1,404	1,516	2,920
Per mile of railway corresponding week of previous year	292	168 7 3	1,390 30	102 13 7	0 13 0	272 1 10	23	25	48
Total to corresponding date of previous year	173,650	Rs. 96,834 12 0	Mds. 16,60,206 20	Rs. 1,49,460 12 0	Rs. 746 8 3	Rs. 1,40,071 0 3	23,520	11,010	34,530

* Added No. of passengers 8,846 and Rs. 4,746 0 0

† Added Mds. 80,359-10 and

‡ Ditto

on account of differences between the approximate and audited returns to week ended 26th February

Approximate Statement of gross receipts of the Patna-Gya State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 3RD APRIL 1886.			RECEIPTS FOR WEEK ENDING 2ND APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 31ST MARCH 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 31ST MARCH 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Rs.	
57½	Rs. 10,665	272	57½	Rs. 13,068	239	57½	Rs. 8,04,041	8,612	57½	Rs. 8,30,750*	9,430	Rs. 25,709	

* Added Rs. 5,767 on account of difference between the approximate and audited figures up to 26th February 1887.

DILDARNAGAR-GHAZIPUR STATE RAILWAY.

Approximate Return of Traffic for week ended 2nd April 1887, on 12 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	3,135	531 5 0	17,199 80	428 8 0	8 11 0	968 6 0	347½	146	493½
Or per mile of railway	.....	44 4 5	.....	35 11 2	0 11 7	80 11 2	.....	.....	.....
For previous 12 weeks of half-year	33,082*	5,617 14 0*	2,45,455 0*	5,974 15 0*	69 9 2½	11,826 8 3	4,140½	1,816	5,956½
Total for 13 weeks	36,217	6,148 3 0	2,62,654 30	6,402 8 0	78 4 3	12,904 12 3	4,487½	1,962	6,449½
COMPARISON.									
Total for corresponding week of previous year	2,513½	440 12 4	51,727 20	661 15 0	66 5 3	1,169 0 7	230	373	603
Or per mile of railway corresponding week of previous year	.....	36 11 9	.....	55 2 7	5 8 5	97 6 9	.....	.....	.....
Total to corresponding date of previous year	33,029	5,635 7 6	5,10,021 20	6,654 4 0	445 8 3	12,738 3 9	2,476	4,560	6,726

* Added number of passengers 1,700 and Rs. 245 0 0 }
 Mds. 600-10 and deducted .. 70 4 0 } on account of differences between the approximate and audited returns to week ended 26th February 1887.
 Deducted 9 6 6 }

Approximate Statement of gross receipts of the Dildarnagar-Ghazipur State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 2ND APRIL 1886.			RECEIPTS FOR WEEK ENDING 2ND APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 31ST MARCH 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 31ST MARCH 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Rs.	
12	Rs. 1,169	97	12	Rs. 968	81	12	Rs. 46,521	3,877	12	Rs. 47,731*	3,978	Rs. 1,210	.....

* Added Rs. 165 on account of difference between the approximate and audited figures up to 26th February 1887

SINDIA STATE RAILWAY.

Approximate Return of Traffic for week ended 2nd April 1887, on 74½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	5,614	4,069 2 0	1,15,840 0	4,406 11 0	100 5 0	8,686 2 0	789½	1,356½	2,146
Or per mile of railway	.....	54 10 8	.....	60 1 10	1 5 6	116 2 0	.....	.....	.....
For previous 12 weeks of half-year	69,436*	53,153 13 0*	12,40,902 20*	60,432 0 0*	1,145 2 9½	1,14,730 15 9	9,189½	14,604½	23,794
Total for 13 weeks	75,050	57,243 15 0	13,55,742 20	64,928 11 0	1,245 7 9	1,23,417 1 9	9,940½	15,647	25,587½
COMPARISON.									
Total for corresponding week of previous year	5,712½	4,596 8 5	24,340 20	3,888 16 0	157 10 0	7,612 13 5	731	969	1,690
Or per mile of railway corresponding week of previous year	.....	61 7 2	.....	52 3 6	2 1 9	101 12 5	.....	.....	.....
Total to corresponding date of previous year	75,050½	61,446 15 10	10,61,090 30	47,147 4 0	1,476 14 6	1,10,070 2 4	18,030	14,621	32,651

* Added number of passengers 340 and deducted Rs. 107 0 0 }
 Mds. 21,903-20 and .. 418 5 6 } on account of differences between the approximate and audited returns to week ended 26th February 1887.
 Deducted 6 1 3 }

Approximate Statement of gross receipts of the Sindia State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 2ND APRIL 1886.			RECEIPTS FOR WEEK ENDING 2ND APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 31ST MARCH 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 31ST MARCH 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Rs.	
74½	Rs. 7,612	102	74½	Rs. 6,686	116	74½	Rs. 3,74,800	4,983	74½	Rs. 4,05,633*	5,423	Rs. 22,770	.....

* Added Rs. 343 on account of difference between the approximate and audited figures up to 26th February 1887.

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 2nd April 1887, on 22½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week...	18,078	5,440 3 0	2,081 10	505 4 0	7 2 0	5,752 10 0	914	59	963
Or per mile of railway	244 8 0			13 11 7	0 5 2	258 8 9			
For previous 12 weeks of half-year	241,838*	64,624 8 0*	1,06,575 20†	3,443 0 0†	75 0 3†	68,345 8 3	11,015	471	12,086
Total for 13 weeks	259,410	70,204 11 0	1,14,656 20	3,748 4 0	85 3 3	74,098 2 3	12,537	525	13,663
COMPARISON.									
Total for corresponding week of previous year	21,307‡	5,800 1 3	10,948 0	397 13 0	3 2 6	6,210 0 9	918	55	963
Per mile of railway corresponding week of previous year		261 1 4		17 14 1	0 2 3	279 1 8			
Total to corresponding date of previous year	234,634‡	64,471 1 0	1,62,038 10	5,410 8 0	79 5 2	74,900 14 5	13,755	2,081	15,836

* Added number of passengers 8,785 and Rs. 1,364 0 0 }
 † Mds. 129-30 and deducted " 139 7 0 } on account of differences between the approximate and audited returns to week ended 26th February 1887.
 ‡ Deducted " 12 13 0 }

Approximate Statement of gross receipts of the Tarkessur Branch Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 3RD APRIL 1886.			RECEIPTS FOR WEEK ENDING 2ND APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 31ST MARCH 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 31ST MARCH 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.
22½	6,210	279	22½	5,755	259	22½	2,54,810	11,468	22½	2,40,154*	11,108	.....	3,656

* Added Rs. 1,246 on account of difference between the approximate and audited figures up to 26th February 1887.
 Deducted Rs. 1,726 excess included in week ended 4th September 1886.

INDIAN MIDLAND RAILWAY.

Approximate Return of Traffic for week ended 2nd April 1887, on 42 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week...	2,030	1,196 13 0	42,997 30	3,141 0 0	25 11 0	4,571 14 6	170	754	924
Or per mile of railway		28 7 11		74 12 9	0 19 10	104 1 6			
For previous 12 weeks of half-year	30,253*	14,324 15 5*	6,46,690 20†	42,247 4 0†	303 14 9‡	50,000 3 0	2,488	7,346	9,834
Total for 13 weeks	32,022	15,521 12 0	6,87,888 10	45,388 10 0	427 9 9	61,338 0 6	2,608	8,102	10,710
COMPARISON.									
Total for corresponding first 3 days of previous year	627‡	303 5 3	5,235 0	336 13 0	10 3 0	670 5 3	262	.....	262
Per mile of railway corresponding week of previous year		7 5 7		8 7 11	0 2 10	16 15 4			
Total to corresponding date of previous year	627‡	303 5 3	5,235 0	336 13 0	10 3 0	670 5 3	262	.....	262

* Added No. of passengers 150 and Rs. 176 0 0 }
 † Added Mds. 13,524 and deducted " 1,751 3 0 } on account of differences between the approximate and audited returns to week ended 26th February 1887.
 ‡ Deducted " 3 9 0 }

Approximate Statement of gross receipts of the Indian Midland Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR FIRST 3 DAYS OF APRIL 1886.			RECEIPTS FOR WEEK ENDING 2ND APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 31ST MARCH 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 31ST MARCH 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.					Rs.	Rs.		
42	670	16	42	4,572	104	42	.....	.....	42	1,52,745*	9,637	.....	.....

* Deducted Rs. 1,579 on account of difference between the approximate and audited figures up to week ended 26th February 1887.

TIRHOOT STATE RAILWAY.

Approximate Return of Traffic for the week ending 26th March 1887, on 246 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week on 246 miles open ...	37,309 ⁴	13,378 7 2	1,70,782 30	17,790 10 0	8,354 6 2	34,534 7 4	5,430	6,897	11,797
Per mile of railway ...	153	54 0 0	694 0	72 6 0	3 1 0	129 13 0 ^a	...	...	...
For previous 11 weeks of half-year ...	413,017 ⁴	1,66,020 8 10	17,99,416 10	1,75,791 6 0	36,141 9 10	3,77,953 8 8	62,302	61,319	123,721
Total for 12 weeks ...	450,327	1,79,399 0 0	19,70,179 0	1,93,591 0 0	39,498 0 0	4,12,458 0 0	67,822	67,656	135,478
COMPARISON.									
Total for corresponding week of previous year on 236 miles open ...	35,700 ¹	11,184 10 4	88,134 30	10,032 11 8	2,400 5 5	23,707 13 5	4,198	4,409	8,697
Per mile of railway corresponding week of previous year ...	153	49 8 0	390 0	44 6 0	2 10 0	96 8 0 ^a	...	...	...
Total to corresponding date of previous year ...	411,637 ⁴	1,45,050 8 0	15,33,948 30	1,51,130 12 3	31,717 14 1	3,29,899 3 4	51,638	47,388	100,426

* Steam-boat earnings excluded in calculating "Total earnings per mile of Railway."

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Tirhoot State Railway.

RECEIPTS FOR WEEK ENDING 27th MARCH 1886.			RECEIPTS FOR WEEK ENDING 26th MARCH 1887.			TOTAL RECEIPTS FROM 1st APRIL 1886 TO 27th MARCH 1886.			TOTAL RECEIPTS FROM 1st APRIL 1886 TO 26th MARCH 1887.			Total increase in 1886-87.	Total decrease in 1886-87.
Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Rs.	Rs.
Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.
23,708	105	246	34,534	140	226	12,87,386	5,696	246	15,81,227 ^a	6,428	2,98,841	...	...

* Includes figures of supplementary audited traffic return for the quarter ended 31st December 1886.

TIRHOOT STATE RAILWAY.

Approximate Return of Traffic for the week ending 2nd April 1887, on 246 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week on 246 miles open ...	43,109 ⁴	14,735 5 5	1,63,509 0	18,096 8 0	3,249 8 11	36,081 0 4	5,522	0,095	12,217
Per mile of railway ...	179	59 14 0	665 0	73 9 0	2 10 0	136 1 0 ^a	...	...	...
For previous 12 weeks of half-year ...	450,004 ⁴	1,79,724 10 7	19,01,622 0	1,94,755 8 0	34,214 7 1	4,12,696 9 8	67,853	67,025	1,35,478
Total for 13 weeks ...	493,207	1,94,462 0 0	21,28,091 0	2,12,852 0 0	41,464 3 0	4,48,778 0 0	73,376	74,320	1,47,696
COMPARISON.									
Total for corresponding week of previous year on 236 miles open ...	34,653	12,033 10 4	97,257 20	11,367 14 0	2,408 5 3	26,409 13 7	4,592	4,294	9,576
Per mile of railway corresponding week of previous year ...	153	53 14 0	430 0	50 5 0	1 11 0	107 14 0 ^a	...	...	...
Total to corresponding date of previous year ...	446,479 ⁴	1,57,684 2 4	16,21,207 0	1,62,498 10 3	39,120 4 4	3,56,309 0 11	56,430	62,372	1,18,800

* Steam-boat earnings excluded in calculating "Total earnings per mile of Railway."

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Tirhoot State Railway.

RECEIPTS FOR WEEK ENDING 2nd APRIL 1886.			RECEIPTS FOR WEEK ENDING 2nd APRIL 1887.			TOTAL RECEIPTS FROM 1st APRIL 1886 TO 2nd APRIL 1886.			TOTAL RECEIPTS FROM 1st APRIL 1887 TO 2nd APRIL 1887.			Total increase in 1886-87.	Total decrease in 1886-87.
Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Rs.	Rs.
Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.
26,410	117	246	36,081	147	235	26,410(a)	117	246	36,081(a)	147	246	9,671	...

(a) Includes figures of last 4 and 5 days of March 1886 and 1887.

KAUNIA AND DHARLLA STATE RAILWAY.

Approximate Return of Traffic for the week ended 26th March 1887, on 37 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week...	2,542	970 0 0	6,111 0	300 0 0	1,330 0 0	2,660 0 0	249 7	309 7	551 1
Or per mile of railway...	69	26 0 0	165 0	11 0 0	.....	37 0 0	.....	.....	.....
For previous 12 weeks of half-year...	25,965	10,339 0 0	88,864 0	4,351 0 0	18,575 0 0	25,965 0 0*	3,925	3,534	6,44
Total for 13 weeks...	28,507	11,309 0 0	94,975 0	4,741 0 0	20,105 0 0	28,165 0 0	3,184	3,793	6,97
COMPARISON.									
Total for corresponding week of previous year...	2,095	920 0 0	2,275 0	190 0 0	1,008 0 0	2,718 0 0	264	264	528
Per mile of railway corresponding week of previous year...	57	25 0 0	61 0	5 0 0	.....	30 0 0	7	7	.....
Total to corresponding date of previous year...	27,950	11,956 0 0	35,108 0	2,436 0 0	20,685 0 0	35,047 0 0	3,187	3,187	6,37

* Audited up to week ending 5th February 1887.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Kaunia and Dharlla State Railway.

RECEIPTS FOR WEEK ENDING 27TH MARCH 1886.			RECEIPTS FOR WEEK ENDING 26TH MARCH 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 27TH MARCH 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 26TH MARCH 1887.			Total increase in 1886-87.	Total decrease in 1886-87.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
37	2,718	73	37	2,890	78	37	1,20,779	69	37	1,32,192*	70	2,415	.....

* Audited up to week ending 5th February 1887.

NALHATI STATE RAILWAY.

Approximate Return of Traffic for the week ending 2nd April 1887, on 27½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week...	2,714	1,003 8 8	10,778 20	1,040 14 0	17 13 0	2,123 3 8	500	254	.....
Or per mile of railway...	100	36 0 0	616 0	38 3 0	0 10 0	77 13 0	.....	.....	.....
For previous 12 weeks of half-year...	37,432	14,041 7 4	1,77,203 20	9,651 2 0	263 3 0	23,955 12 4	6,180	4,717	10,897
Total for 13 weeks...	40,147	15,105 0 0	1,93,983 0	10,692 0 0	281 0 0	26,078 0 0	6,689	4,971	11,660
COMPARISON.									
Total for corresponding week of previous year...	2,839	1,201 10 3	8,486 30	610 18 0	17 8 0	1,829 15 3	500	334	834
Per mile of railway corresponding week of previous year...	106	44 1 0	311 0	22 7 0	0 10 0	67 3 0	.....	.....	.....
Total to corresponding date of previous year...	35,265	13,142 0 0	1,13,690 20	8,492 10 0	261 6 6	22,985 1 0	6,783	3,593	10,376

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Nalhati State Railway.

RECEIPTS FOR WEEK ENDING 2ND APRIL 1886.			RECEIPTS FOR WEEK ENDING 2ND APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 2ND APRIL 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 2ND APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
27½	1,820	67	27½	2,123	78	27½	1,820*	67	27½	2,123*	78	299	.....

* Includes figures of last 4 and 5 days of March 1886 and 1887.

NORTHERN BENGAL STATE RAILWAY.

Approximate Return of Traffic for the week ended 26th March 1887, on 249 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings inclusive steam-boat (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	MDS. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Traffic for the week ...	21,493	14,540 0 0	1,30,595 0	21,030 0 0	3,400 0 0	38,970 0 0	5,012	7,078	12,090
per mile of railway ...	86	58 0 0	520 0	84 0 0	.....	142 0 0	20	32	52
previous 13 weeks of half-year ...	220,346	1,60,637 0 0	16,92,749 0	2,97,312 0 0	40,447 0 0	5,13,396 0 0*	55,050	101,086	157,036
Total for 13 weeks ..	241,839	1,81,177 0 0	17,23,343 0	3,18,342 0 0	52,847 0 0	5,52,396 0 0	60,062	109,041	170,003
COMPARISON.									
Traffic for corresponding week of previous year ...	25,580	16,285 5 3	2,60,567 0	30,157 4 4	5,290 0 0	(a) 52,731 0 0	5,912	8,032	13,944
per mile of railway corresponding week of previous year ...	103	65 0 4	1,043 0	121 1 9	.....	186 5 2	20	32	52
Traffic to corresponding date of previous year ...	240,642	1,87,684 16 9	24,50,800 0	3,08,640 13 0	66,541 0 0	6,52,176 4 0	60,860	125,421	187,281

* Audited up to week ending 5th February 1887.
(a) Includes Rs. 9,206, viz. ballast train receipts Rs. 6,670 and sundry receipts Rs. 2,536.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Northern Bengal State Railway.

RECEIPTS FOR WEEK ENDING 27TH MARCH 1886.			RECEIPTS FOR WEEK ENDING 26TH MARCH 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 27TH MARCH 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 26TH MARCH 1887.			Total increase in 1886-87.	Total decrease in 1886-87.
Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.		
Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	
22,731	212	249	38,970	157	249	23,10,035	183	249	25,03,802*	202		2,44,767	

* Audited up to week ending 5th February 1887.

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

Approximate earnings for week ending 26th March 1887	Rs. A. P.
Corresponding week last year	7,574 0 0
Decrease	8,767 0 0
Receipts from 1st January to 26th March 1887	1,193 0 0
From 1st January to 27th March 1886	73,459 0 0
Decrease	88,343 0 0
Miles open, week ending 26th March 1887	14,884 0 0
Corresponding week last year	Miles.
Increase	51
	50½
Receipts per mile open, week ending 26th March 1887	4
Corresponding week last year	Rs. A. P.
Decrease	148 8 2
	172 11 6
	24 3 4

CHIEF OFFICE, DARJEELING, the 2nd April 1887.

W. STEVENSON, Secretary, D.-H. Ry.



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, APRIL 20, 1887.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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DONATIONS MADE BY SRIMATI BISHEWSHARY DEVI CHOWDHURANI, ZEMINDAR OF GAURIPORE IN MYMENSINGH.

GENERAL DEPARTMENT—EDUCATION.

Calcutta, 19th the April 1887.

RESOLUTION.

READ—

An endorsement from the Director of Public Instruction, No. 2515, dated 7th April 1887, forwarding a copy of a letter from the Inspector of Schools, Eastern Circle, on the subject of the two donations made by Srimati Bishewshary Devi Chowdhurani, zemindar of Gauripore in Mymensingh.

In Government Resolution, dated 15th February 1887, acknowledgment was made of the liberal donation of Rs. 1,000 made by Srimati Bishewshary Devi Chowdhurani, zemindar of Gauripore in Mymensingh, in support of the Eden Female School at Dacca. This lady has now made two additional donations—one of Rs. 800 for erecting a corrugated iron roofed house for the grant-in-aid Middle English School at Iswarganj, and another of Rs. 500 in aid of the building fund of the Jamalpore Donogh High School. The Lieutenant-Governor tenders his thanks to Srimati Bishewshary Devi Chowdhurani for her liberality.

ORDER.—Ordered that a copy of this Resolution be published in the *Calcutta Gazette*, and that a copy of it be forwarded to the Director of Public Instruction for information and communication to the donor.

By order of the Lieutenant-Governor of Bengal,

P. NOLAN,

Secretary to the Govt. of Bengal.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government during the week ending the 16th April 1887.

No.	District and date of return.	Rainfall at Sudder station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.			
<i>Western Districts.</i>			
BURDWAN DIV.	1 Burdwan, April 16, '87	1.04	Weather—moist and unseasonably cool. Prospects good. Rice still cheap. Public health fair. A local outbreak of cattle-pox in one thana of Culna sub-division.
	2 Culna, " 16 "	0.08	
	3 Cutwa, " 16 "	0.10	
	4 Raniganj, " 16 "	1.80	
	5 Bankura, " 16 "	1.56	Weather—often cloudy and much cooled down. Standing crops doing well. Rain has much benefited the land for ploughing. Prices unchanged. Public health good.
	6 Beerbhoom, " 16 "	0.64	Weather—very cool with heavy morning dews. More rain has fallen during the week, and ploughings for the staple crop actively progressing. Prospects very favourable. Public health good.
PRESIDENCY DIV.	7 Rampore Haut, " 16 "	2.69	
	8 Midnapore, " 16 "	1.00	Weather—damp and cool. Paddy outturn excellent. Fresh ploughings begun in places.
	9 Hooghly, " 16 "	1.75	Weather—hot and unsettled. Ploughing going on vigorously. Cases of cholera reported from several parts of the district.
	10 Serampur, " 16 "	0.66	
	11 Jehanabad, " 16 "	1.66	
	12 Howrah, " 18 "	0.23	Weather—cool; somewhat stormy. State and prospects of crops good.
RAJSHAHY DIV.	13 Odoberia, " 18 "	0.42	
	14 24-Pergha, April 19 '87	0.50	Weather—very hot and close. No crops on the ground except sugarcane, which promises well. Ploughing continues. A few cases of cholera reported; public health otherwise good.
	15 Nuddea, " 16 "	0.34	Weather—rather sultry by day. Ploughing for rice crop going on. Indigo promises well. Mango has suffered from late hail. Some few cases of cholera, small-pox and cow-pox.
	16 Meherpore, " 16 "	1.50	
	17 Chudanga, " 16 "	0.33	
	18 Ranaghat, " 16 "	0.91	
RAJSHAHY DIV.	19 Khoolna, " 16 "	0.33	Days hot, with some wind. Boro rice harvest has begun. Ploughing going on well. Public health fair. Cholera in some places.
	20 Jessore, " 16 "	0.32	Weather—hot. Ploughing continues, and sowing of paddy have commenced. Prospects good. Cholera still prevalent in Narail and Sudder sub-divisions.
	21 Magurah, " 16 "	0.49	Hot weather at first followed by a heavy thunder-storm, which seems to have been general. Rubbee crops all harvested. Prospects of indigo and sugarcane good. Public health good.
	22 Moorsheadabad, " 16 "	0.76	
	23 Lalbagh, " 16 "	0.25	
	24 Kandi, " 16 "	0.82	
RAJSHAHY DIV.	25 Jungipur, " 16 "	0.6	
	26 Dinapore, April 16, '87	0.29	Weather—cloudy at times. Slight rain fell on two days. A slight shock of earthquake on 14th. Land is being prepared for <i>bhadai</i> . Sowing of jute has begun. Rice 22 to 24 annas per rupee.
	27 Rajshahye, " 16 "	0.41	Weather—seasonable. Rain good for early sowings. A few sporadic cases of cholera and small-pox reported.
	28 Nowgong, " 16 "	0.5	
	29 Rangpo, " 16 "	0.16	Weather—hot during day, but cool at night. <i>Aus</i> and jute up in some places. Sporadic cholera prevails, bowel-complaints rise, and measles are epidemic in the Sudder station. Health of the district still continues fair.
	30 Gaibanda, " 16 "	1.25	For a few days very high wind and storms, weather on the whole cool for this time of year. State and prospects of crops good. A few sporadic cases of cholera reported from Adumdighi and Nababgunge thanas; public health otherwise fair. Cattle-disease reported from thana Khettul.
RAJSHAHY DIV.	31 Bogra, " 16 "	Nil	Weather—seasonable. Outturn of <i>rubbee</i> crops fair. Rice sowing going on. Cholera reported from a few places.
	32 Pubna, " 16 "	0.23	Weather—very wet and cold. State and prospects of crops good. Hail has done some damage to tea in the hills.
	33 Farajung, " 16 "	0.34	Weather—cool owing to seasonable showers. Sowing of jute and transplanting of sugarcane in progress. Lands are being prepared for <i>kaimanti</i> rice. Sugarcane and tobacco nearly harvested. A little cholera in Monaguri and Boda. Cattle-disease prevails at Alipore.
	34 Darjeeling, " 16 "	3.17	
	35 Julpigore, " 16 "	0.48	
	36 Julpigore, " 16 "	0.48	
<i>Eastern Districts.</i>			
DACCA DIVISION.	37 Dacca, April 16, '87	Nil	Weather—hot and fine. Harvesting of <i>boro</i> paddy has begun. <i>Aus</i> paddy is being sown in low lands. Cases of cholera reported from parts of the district.
	38 Munshigunge, " 16 "	0.7	
	39 Furreedpore, " 16 "	Nil	Weather—very hot. Sowing of paddy in progress. Cholera reported from parts.
	40 Goalundo, " 16 "	1.47	
	41 Backergunge, " 15 "	0.34	Days hot, nights comparatively cold. Winter crops promise well. Rain wanted. General health not good, cholera prevailing in most of the stations.
	42 Mymensingh, " 15 "	0.47	Weather—hot with occasional storms. Prospects of crops good.
CHITTAGONG DIV.	43 Chittagong, April 19, '87	Drizzling rain on 16th	Weather—hot. Lands are being prepared for <i>aus</i> . Prices steady. Cholera still reported, but public health good.
	44 Noakhally, " 15 "	0.24	Weather—seasonable. Sowing of <i>aus</i> progressing. <i>Rubbee</i> crops are being gathered; outturn fair. A few cases of cholera reported.
	45 Fenny, " 15 "	0.07	
	46 Tipperah, " 14 "	0.20	Weather—seasonable. About seven annas of <i>boro</i> paddy have been reaped. <i>Aus</i> is being sown. Prospects favourable. Sporadic cholera still reported. Small-pox abating.
	47 Chaudpur, " 14 "	0.30	
	48 Chittagong Hill Tracts, " 12 "	Nil	Weather—foggy in the morning, excessively hot at noon. <i>Joom</i> -cutting finished. Burning commenced. Tobacco, chilly and other crops doing well. Public health generally good.
CHITTAGONG DIV.	49 Hill Tipperah, " 13 "	Nil	Weather—hot. Sugarcane is being transplanted. Prospects of <i>boro</i> paddy and chillies fair. <i>Joom</i> -cultivation going on. Public health good.

No.	District and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BEHAR.			
PATNA DIV.			
26	Patna, April 16, '87	Nil	Weather—growing sultry. Harvesting of <i>rubbee</i> completed; crops are in the threshing-floor; a fair outturn expected. Opium weighment has commenced. Public health generally good.
27	Gya, " 16 "	0.30	Weather—seasonable. Threshing of <i>rubbee</i> going on. Sugarcane thriving well. Fever, small-pox and cholera reported.
28	Shahabad, " 16 "	Nil	Weather—hot. Sugarcane, the only crop on the ground, doing well. Public health fair. Prices stationary.
29	Bhabhua, " 16 "	0.65	East wind prevailing. <i>Rubbee</i> harvest nearly over. Late rain did considerable injury to mango crop. It has, however, benefited rice and moong sowings. Price of common rice averages 22 seers per rupee. Cholera reported at head-quarters and in Madhubani sub-division.
30	Darbhanga, " 16 "	0.46	Weather—unsettled, with thunder-storms. <i>Rubbee</i> being threshed. Moong, <i>cheena</i> and early rice promising. Public health fair.
31	Tajpur, " 16 "	0.20	Weather—close and hot. Indigo sowings nearly finished, but a good deal of this crop has died out. Prospects of other crops continue favourable. Public health good.
32	Madhubani, " 16 "	0.55	Weather—seasonable. <i>Rubbee</i> crops are being gathered. Weighment of opium has commenced. Indigo plants coming on. Prices stationary. Public health fair. Cholera has made its appearance among opium <i>asams</i> .
33	Monseerpora, " 16 "	0.42	Weather—cloudy and cool with east wind in beginning of week; since then clear and hot. Harvesting of <i>rubbee</i> crops nearly completed. Public health generally good. Prices stationary.
34	Hajipur, " 16 "	0.80	Weather—getting warmer, but very little west wind. <i>Rubbee</i> harvest nearly complete. Rice sowings progressing in low lands. Sugarcane doing well. Mango not promising. Cholera continues in north.
35	Saran, " 16 "	0.43	Weather—cool for the time of year; east wind prevailing. All crops doing well. Cereal harvest in progress. <i>Bhadai</i> sowings have commenced.
36	Sewán, " 16 "	0.15	Weather—hot at noon; evenings and mornings generally cool and pleasant. Harvesting of <i>rubbee</i> almost completed. Abundant shower on night of 14th has done immense good to <i>boro</i> paddy. Prices stationary. Cholera reported from town and interior; public health otherwise good.
37	Gopalgunge, " 16 "	0.47	Weather—sultry with southerly winds and occasional evening storms. Rain helps sugarcane and ploughing, but is unhealthy. Fever prevalent.
38	Chumpan, " 16 "	0.60	
SHAHJHAPUR DIV.			
39	Monghyr, April 16, "	1.26	Weather—hot; occasionally cloudy. <i>Dalua</i> rice is being reaped. Ploughing in progress. Common rice 18 seers per rupee in town and 22 to 25 seers in interior. Public health generally good.
40	Jamui, " 16 "	0.54	Weather—seasonable. Land is being ploughed for next <i>sarad</i> crop. <i>Dalua</i> crop is being harvested. Common rice 25 seers 15 chittacks per rupee in Sudder sub-division and 25 seers 5 chittacks in Khoorda sub-division. A few sporadic cases of cholera reported from mofussil.
41	Bhagalpore, " 16 "	0.35	Weather—seasonable. Ploughing going on in places. Prospects of crops fair. Public health good, notwithstanding a few sporadic cases of cholera and small-pox.
42	Purneah, " 16 "	1.40	
43	Arrah, " 16 "	0.28	
44	Maidah, " 16 "	1.31	
45	Chanchal, " 16 "	0.11	
46	Shibgunge, " 16 "	1.60	
47	Gazole, " 16 "	0.42	
48	Sontal Perga, " 16 "	0.02	
49	Godda, " 16 "	2.78	
50	Pakour, " 16 "	1.04	
51	Rajmahal, " 16 "	0.69	
52	Jamtara, " 16 "	0.15	
53	Deoghur, " 16 "	0.41	
ORISSA.			
ORISSA DIV.			
54	Cuttack, April 15, '87	0.04	Weather—hot; occasionally cloudy. <i>Dalua</i> rice is being reaped. Ploughing in progress. Common rice 18 seers per rupee in town and 22 to 25 seers in interior. Public health generally good.
55	Pooree, " 14 "	Nil	Weather—seasonable. Land is being ploughed for next <i>sarad</i> crop. <i>Dalua</i> crop is being harvested. Common rice 25 seers 15 chittacks per rupee in Sudder sub-division and 25 seers 5 chittacks in Khoorda sub-division. A few sporadic cases of cholera reported from mofussil.
56	Khoorda, " 14 "	0.17	Weather—seasonable. Ploughing going on in places. Prospects of crops fair. Public health good, notwithstanding a few sporadic cases of cholera and small-pox.
57	Balasore, " 15 "	0.15	
CHOTA NAGPORE.			
South-West Frontier Agency.			
58	Hazaribagh, April 15, '87	Nil	Weather—seasonable. <i>Rubbee</i> all harvested; outturn generally good. Mango has failed. <i>Mahua</i> has yielded fairly well. Public health good.
59	Lohardugga, " 16 "	0.01	Weather—cloudy and warm. Rain expected. <i>Rubbee</i> gathered; outturn good. Prices steady. Cholera and cattle-pox reported from Palamow.
60	Palamow, " 16 "	0.10	Weather—cloudy, but hot. Sugarcane is being planted. <i>Boro</i> paddy ripening. Prospects of mango crop indifferent. Public health good.
61	Dingnoom, " 15 "	0.17	Weather—getting hot, but partially cooled by the hailstorm of 14th. Sugarcane is being planted. <i>Mahua</i> dropping. Cotton pods bursting. Cattle-disease and sporadic cases of cholera in Manbazar thana; measles in Bagmundi and other places; otherwise public health good.
62	Manbhoom, " 16 "	0.87	
63	Govindpur, " 16 "	0.91	

Published for general information.

CALCUTTA, REVENUE DEPT.;
The 19th April 1887.P. NOLAN,
Secy. to the Govt. of Bengal.

PRICES-CURRENT (retail) of Food-grains, Firewood and Salt in the

Number.	DISTRICTS.	QUANTITIES PER RUPEE IN																	
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			JOWAR OR CHOLU (Sorghum Vulgare.)					
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.			
RENGAL.																			
Western Districts.																			
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
1	Burdwan	14 7	14 8	17 0	33 15	...	30 0	19 8	19 8	16 0	24 12	26 4	31 0	...	...	...	...	...	...
2	Bankeora	15 8	16 8	19 0	20 0	22 0	21 0	19 8	20 0	19 8	24 9	24 4	22 8	...	...	...	...	...	...
3	Beerbhoom	20 4	22 8	18 0	...	...	...	20 0	20 0	16 0	24 0	24 0	19 8	...	...	...	...	...	...
4	Midnapore	17 8	18 0	18 0	...	...	...	20 0	19 0	16 0	26 0	26 0	22 0	...	...	...	...	...	...
5	Hooghly	14 0	14 0	16 0	...	...	...	10 0	10 0	10 0	16 0	18 0	15 0	...	...	...	...	...	...
	Howrah	12 0	12 0	14 8	...	...	...	13 0	13 8	8 4	20 0	20 0	15 0	...	...	...	...	...	...
Central Districts.																			
	Calcutta	15 0	14 12	16 8	21 0	22 0	21 8	9 5	9 4	7 12	19 6	19 4	15 10	21 0	21 8	19 0	...	...	...
6	24-Pergunnahs	13 6	13 5	12 4	22 8	21 4	17 8	8 0	8 0	8 0	18 12	18 4	13 6	...	...	...	...	...	...
7	Nuddea	16 0	15 0	17 4	32 0	33 0	22 15	16 0	16 0	14 8	19 0	19 0	16 0	...	...	...	...	...	...
8	Khoolna	...	...	...	...	...	...	18 0	18 0	16 0	22 0	21 0	18 0	...	...	...	...	...	...
9	Jessore	16 0	13 4	13 4	...	...	...	16 0	16 0	13 4	24 0	22 0	17 0	...	...	...	...	...	...
10	Moorshedabad	15 0	15 0	20 0	...	...	...	16 0	16 0	14 0	23 0	23 0	17 8	...	...	...	...	...	...
11	Dinapore	16 0	12 8	16 0	22 0	22 0	17 0	21 0	21 0	18 0	26 0	27 8	20 0	...	...	...	...	...	...
12	Rajshahye	17 4	16 8	18 0	40 0	45 0	32 0	18 8	18 6	16 0	22 8	22 14	19 8	...	...	...	...	...	...
13	Rungpore	...	12 8	17 0	...	...	...	22 8	22 8	17 0	24 10	24 10	18 0	...	...	...	...	...	...
14	Bogra	16 8	17 4	19 8	...	...	...	12 0	15 12	15 0	24 0	24 0	24 0	...	...	...	...	...	...
15	Pubna	21 0	21 0	22 8	...	...	...	8 0	8 0	8 4	21 0	21 9	18 0	...	...	...	...	...	...
16	Darjeeling	10 0	8 0	15 0	12 0	10 0	12 0	5 0	5 0	5 0	13 0	14 0	14 0	...	...	...	...	...	...
17	Jalpigoree	10 0	10 0	13 0	20 0	20 0	...	13 0	14 0	14 0	25 0	25 0	25 0	...	...	...	...	...	...
Eastern Districts.																			
18	Dacca	14 0	12 8	16 0	26 0	26 0	26 0	17 0	17 0	13 0	19 0	18 0	15 0	...	...	...	...	...	...
19	Furzedpore	...	16 0	16 0	32 0	25 0	20 0	18 8	16 0	16 0	23 0	23 0	19 0	...	...	...	...	...	...
20	Backergunge	...	...	...	...	...	...	17 0	17 0	13 0	19 0	19 0	16 0	...	...	...	...	...	...
21	Mymensingh	11 8	13 0	13 0	...	...	...	12 0	12 0	13 0	16 0	16 0	20 0	...	...	...	...	...	...

In the prices-current statement for the fortnight ending 28th February 1887, published at pages 414-417 of the Supplement to the Calcutta Gazette of the 9th March, against Howrah, in sub-column "Present return" of column 5, "Rice, common," for 10 seers 8 chittacks read 20 seers.

A In sub-divisions retail prices of salt per rupee were:—Culina 12 seers, Cutwa 13 seers, and Raneengunge 13 seers 1 chittack.

B In Bishenpore sub-division retail price of salt 12 seers per rupee.

C In Rampore 14th sub-division retail price of salt 13 seers per rupee.

D In Tumlook sub-division retail price of salt 11 seers per rupee.

E In sub-divisions retail prices of salt per rupee were:—Serampore 13 seers and Jehanabad 13½ seers.

D1 In sub-divisions retail prices of salt per rupee were:—Barasat and Buzarhat 12 seers, Diamond Harbour (Magrahat) 11½ seers.

Barrackpore 12½ seers and Dum-Dum 11 seers.

F In sub-divisions retail prices of salt per rupee were:—Koochta and Meherpore 12 seers, Choochanga 13 seers, and Ranaighat 10½ seers.

Districts of Bengal during the Fortnight ending the 15th April 1887.

															WHOLESALE PRICES PER MAUND OF 40 SEERS.			DISTRICTS.																
INDIAN-CORN OR MAIZE (Zea Mays.)			ARHAR OR TUR. CAJAN PEA. (Cajanus indicus.)			FIREWOOD.			SALT.			SALT.																						
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.																				
S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.																				
															BENGAL.			Western Districts.																
...	...	...	18	4	17	12	21	0	120	0	120	0	13	4	13	54	13		8	2	15	0	2	15	3	2	15	0	Burdwan.					
40	0	40	0	32	8	22	0	22	0	280	0	280	0	12	8	12	8		12	8	3	3	0	3	3	0	3	2	0	Bankoora.				
...	...	...	16	0	16	8	22	8	100	0	160	0	13	4	13	12	12		0	3	1	0	3	0	0	3	2	0	Beerbhoom.					
...	...	...	16	0	18	0	14	0	155	0	155	0	13	0	12	12	12	8	3	1	0	3	1	0	3	1	0	Midnapore.						
...	...	...	18	0	14	0	15	0	120	0	120	0	13	0	13	0	13	0	3	0	0	3	0	0	2	11	0	Hooahly.						
...	...	...	13	4	13	4	15	4	90	0	90	0	12	0	13	11	13	0	3	0	0	3	0	0	3	0	0	Howrah.						
															Central Districts.			Eastern Districts.																
25	0	24	0	19	15	16	19	17	0	16	4	80	11	80	0	00	0		13	4	13	0	13	4	3	0	0	3	0	0	2	12	0	Calcutta.
26	8	23	0	18	12	17	8	16	0	17	8	100	0	100	0	00	0		13	0	13	0	12	13	2	15	0	2	15	0	3	0	0	24-Pergunnabs.
...	...	...	20	0	19	0	20	0	...	...	...	...	11	104	11	104	11		104	11	104	3	0	0	3	0	0	3	0	0	3	0	0	Nuddea.
...	...	...	...	...	...	...	...	...	160	0	160	0	200	0	10	8	10		8	12	0	3	12	0	3	12	0	3	4	0	3	4	0	Khoolna.
...	...	...	22	0	24	0	26	8	110	0	110	0	120	0	10	12	11		6	12	0	3	3	0	3	4	0	3	2	0	3	2	0	Jessore.
32	0	40	11	...	18	0	21	0	21	0	160	0	160	0	120	0	12		0	12	0	12	0	11	4	3	5	0	3	5	0	.....	Moorshedabad.	
...	...	...	...	...	...	...	...	...	160	0	160	0	160	0	12	4	11		8	12	4	3	4	0	3	5	0	3	3	0	3	3	0	Dinapore.
...	...	...	17	0	16	4	22	0	240	0	240	0	240	0	12	0	12		0	12	12	3	4	0	3	4	0	3	11	0	3	11	0	Rajshahye.
...	...	...	8	10	8	10	14	0	120	0	120	0	110	0	10	5	10		5	12	12	3	8	0	3	8	0	2	12	0	2	12	0	Burkpoore.
...	...	...	...	...	...	...	...	...	90	0	90	0	90	0	11	4	11		4	10	6	3	0	0	3	6	0	3	5	4	3	5	4	Bogra.
...	...	...	24	0	24	0	31	0	300	0	300	0	200	0	11	10	12		0	12	6	3	6	0	3	5	0	3	2	0	3	2	0	Pubna.
35	0	20	0	...	8	0	8	0	8	0	120	0	120	0	120	0	9	0	9	0	8	0	4	4	0	4	6	0	4	4	0	4	4	Darjeeling.
36	0	...	...	10	0	12	0	...	128	0	128	0	120	0	11	0	11	0	12	0	3	6	0	3	6	0	3	4	0	3	4	0	Jalpigore.	
...	...	...	...	...	...	...	...	...	120	0	120	0	120	0	12	0	12	0	12	0	3	3	0	3	4	0	3	3	0	3	3	0	Dacca.	
...	...	...	20	0	11	0	16	0	120	0	120	0	140	0	13	0	11	0	12	0	2	15	0	3	5	0	3	5	0	3	5	0	Furzedpore.	
...	...	...	14	0	14	0	13	0	120	0	120	0	120	0	12	0	12	0	12	8	3	4	0	3	4	0	3	2	0	3	2	0	Backergunge.	
...	...	...	16	0	20	0	20	0	...	...	...	...	11	0	12	0	12	4	3	5	0	3	5	0	3	5	0	3	3	0	3	3	0	Mymensingh.

F In Sathkura sub-division retail price of salt 11 seers per rupee.

G In sub-divisions retail prices of salt per rupee were:—Jhenida and Narail 12 seers, Magora 10½ seers, and Bongong 13 seers.

H In sub-divisions retail prices of salt per rupee were:—Lalbagh 13 seers and Jungipore and Kandi 12½ seers.

I In Nattora and Nowgong sub-divisions retail price of salt 12 seers per rupee.

J In sub-divisions retail prices of salt per rupee were:—Gaitanda 9½ seers, Nilphamari 13 seers and Kurigram 11 seers.

K At Shiliguri retail price of salt 10 seers per rupee.

L In Alipore sub-division (at Faltacotta) retail price of salt 8 seers per rupee.

M In sub-divisions retail prices of salt per rupee were:—Manickgunge 11 seers, Moonsheegunge 10½ seers and Naraingunge 13½ seers.

N In sub-divisions retail prices of salt per rupee were:—Gomundo 12 seers and Madaripore 12½ seers.

O In sub-divisions retail prices of salt per rupee were:—Patuakhali 9 seers, Perozopore 11 seers, and Bhola 10½ seers.

P In sub-divisions retail prices of salt per rupee were:—Kishoregunge 9½ seers, Attea 13 seers, Jamalpore 10 seers 10 chittacks, Muerpore 10 seers and Netrokona 9 seers.

PRICES-CURRENT (retail) of Food-grains, Firewood and Salt in the

Number.		DISTRICTS.	QUANTITIES PER RUPEE IN																							
			WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			JOWAR OR CHOLU. (Sorghum Vulgare.)											
			Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.									
Eastern Districts.—Concluded.																										
22	Chittagong	...	16 0	16 0	16 0	...	...	...	13 0	13 0	13 0	17 0	17 0	16 0	...	...	...						
23	Noakhally	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	Tipperah	...	12 4	13 5	13 5	...	...	...	14 1	17 13	16 0	18 6	20 13	17 0	...	...	...						
25	Chittagong Hill Tracts.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hill Tipperah	...	12 0	13 0	12 0	...	...	...	14 0	12 0	13 0	18 0	17 0	16 0	...	...	...						
BEHAR.																										
26	Patna	...	18 8	16 0	20 0	32 0	32 0	28 0	11 8	11 8	11 8	35 0	24 0	17 0	26 0	26 0	20 0									
27	Gya	...	17 0	17 0	18 8	32 0	26 0	27 0	9 4	11 0	9 0	19 8	19 8	16 8	...	...	...						
28	Shahabad	...	17 0	16 0	19 0	28 0	36 0	28 0	8 0	9 0	8 0	17 0	17 0	16 0	...	...	...						
29	Darbhanga	...	10 4	18 0	16 0	33 0	30 0	29 0	13 8	14 0	10 8	23 0	23 0	17 0	28 0	26 0	...									
30	Mounifarpore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31	Saran	...	15 0	15 0	18 8	20 0	20 0	28 0	8 0	9 0	8 8	22 0	22 0	19 0	...	...	...						
32	Chumpran	...	17 8	15 0	18 0	35 0	40 0	25 0	7 8	7 8	10 0	17 8	18 8	14 0	...	...	...						
33	Mouknyr	...	18 8	18 0	23 1	31 8	33 9	33 8	13 2	14 12	13 10	17 13	18 8	16 4	31 0	27 8	24 2									
34	Bhagulpore	...	17 10	16 8	20 3	37 14	40 6	30 5	18 15	19 4	15 2	21 7	21 7	17 10	...	...	...						
35	Purneah	...	16 0	15 0	20 0	...	...	...	21 0	20 0	19 0	24 0	22 0	21 0	...	...	...						
36	Maldah	...	19 0	18 0	23 0	...	...	...	18 0	18 0	10 0	26 0	26 0	22 0	...	...	...						
37	Southal Pergah.	...	16 0	12 0	17 0	...	...	...	18 0	18 0	16 0	27 8	27 8	23 0	...	...	...						
ORISSA.																										
38	Cuttack	...	14 7	14 7	17 1	...	...	...	13 2	13 2	10 8	18 6	18 6	17 0	...	...	...						
39	Poore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
40	Balasore	...	16 0	18 0	20 0	13 0	13 0	11 0	14 0	14 0	15 0	25 0	25 0	15 0	...	...	...						
CHOTA NAAGPORE.																										
South-Western Frontier Agency.																										
41	Hazareebagh	...	20 0	19 0	17 0	25 0	25 0	20 0	10 0	11 0	10 0	19 0	20 0	19 0	...	...	...						
42	Lohardugga	...	26 0	24 0	20 0	36 0	22 0	24 0	19 0	19 0	18 0	23 0	24 0	20 0	...	...	...						
43	Singbhoom	...	24 0	24 0	24 0	32 0	24 0	32 0	28 0	28 0	24 0	32 0	32 0	28 0	...	...	...						
44	Manthoom	...	17 0	17 0	18 0	44 0	40 0	32 0	18 8	18 0	16 0	29 0	23 0	27 0	...	...	...						

* Returns not received.

- P¹ In Cox's Bazar sub-division retail price of salt 12 seers per rupee.
 Q In Brahmunneriah and Chananpore sub-divisions retail price of salt 11½ seers per rupee.
 R In sub-divisions retail prices of salt per rupee were:—Buxar 12½ seers, Banerani 13 seers, and Shabooah 11½ seers.
 S In Madhubani and Tajpore sub-divisions retail price of salt 13 seers per rupee.
 T In Sonm sub-division retail price of salt 11½ seers per rupee.
 U In Bettiah sub-division retail price of salt 11½ seers per rupee.
 V In Begusarai and Jamni sub-divisions retail price of salt 11 seers per rupee.

KANONI OR KAKON.
ITALIAN MILLET.
(*Sotaria italica*.)

GRAM, (HANA),
(HOLA, KADALAY,
OR SURAGA.
(*Ciner arietinum*.)

Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
-----------------	------------------------	------------------------------------	-----------------	------------------------	------------------------------------

Ch. S. Ch. S. Ch. S. Ch. S. Ch. S. Ch. S.

...	...	...	12 0	12 0	12 0
...
...	...	...	14 8	14 12	16 0
...
...	...	...	12 0	12 0	12 0

0 20 0	...	30 0	38 0	27 0
0 7 0	16 0	25 8	24 0	22 8
...	...	20 0	26 0	25 0
26 0	18 0	27 8	23 0	20 0
...
0 14 0	16 0	27 0	20 0	24 0
...	...	28 0	26 0	18 0
0 3 8	21 0	27 12	27 8	26 4
...	...	25 4	25 4	25 4
...	...	30 0	24 0	20 0
...	...	27 0	27 0	30 0
...	...	21 0	20 0	21 0

(Kulai)

...	...	17 1	17 1	19 11
...
...	...	15 0	15 0	15 0

...	...	22 0	20 0	17 0
...	...	24 0	24 0	18 0
...	...	16 0	16 0	16 0
...	...	17 0	18 0	18 0

SEKERS OF 80 TOLAHS.

BAJEA OR CUMBU. (<i>Pennisetum typho-</i> <i>ideum.</i>)	MARUA OR RAGI. (<i>Echinochloa Corocoma.</i>)
Present return.	Present return.
Next preceding return	Next preceding return.
Corresponding return of last year.	Corresponding return of last year.

S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.
000	000	-		000	000				
000	000	000				000		000	
000	00	00		000	000	000		000	
000	000	-		000	000	000		000	

[illegible]

Districts of Bengal during the Fortnight ending 15th April 1887—(Concluded).

INDIAN-CORN OR MAIZE. (Zea Mays.)			ARHAR OR TUR. CANDIAN PR. (Cajanus indicus.)			FIREWOOD.			SALT.			WHOLESALE PRICES PER MAUND OF 40 SEERS.			DISTRICTS.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	

Eastern Districts.—Concluded.

S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Districts.
...	Chittagong.
...	Nonkholly.
...	Tipperah.
...	Chittagong Hill Tracts.
...	Hill Tipperah.

BEHAR.

30	0	80	0	22	0	28	0	27	0	27	0	120	0	120	0	130	0	11	8	11	8	11	8	3	1	0	3	1	0	3	1	0	Patna,	
...	...	...	...	...	...	22	0	26	0	23	0	140	0	140	0	200	0	11	0	11	0	11	0	3	5	0	3	5	0	3	5	0	Gya.
...	...	...	...	...	...	16	0	13	0	19	0	160	0	160	0	120	0	R 13	0	13	0	13	8	3	5	0	3	5	0	3	2	0	Shahabad.
33	0	88	0	20	0	16	8	19	8	20	0	176	0	176	0	160	0	S 13	0	13	0	11	8	3	0	0	3	0	0	3	4	0	Durbhunga.	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Muzafferpore.	
28	0	29	0	26	0	34	0	31	0	23	0	160	0	160	0	160	0	T 12	0	11	0	12	0	3	4	0	3	5	0	3	1	0	Saran.	
30	0	30	0	28	0	22	0	21	0	...	...	...	...	...	...	...	...	U 11	8	11	0	12	4	3	7	0	3	7	0	...	...	Chumparan.	
37	12	29	6	26	4	18	14	21	0	23	1	126	0	126	0	126	0	V 12	9	12	9	13	2	3	0	0	3	11	0	2	14	6	Monghyr.	
37	6	36	5	26	4	20	3	21	7	20	3	177	4	171	0	164	0	W 12	10	12	10	12	10	3	3	0	3	3	0	3	3	2	Bhagalpore	
...	...	...	...	...	...	16	0	16	0	20	0	128	0	128	0	128	0	X 10	6	10	8	11	0	3	10	0	3	10	0	3	1	0	Purneah.
...	160	0	160	0	160	0	...	12	0	12	0	11	8	3	4	0	3	4	0	3	5	0	Maidah.
37	8	37	8	28	0	26	0	26	0	24	0	200	0	200	0	200	0	Y 11	8	11	8	12	8	3	4	0	3	4	0	3	2	0	Southal Pergah.	

ORISSA.

...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Cuttack.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Purree.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Balasore.

CHOTA NAGPORE.

South-Western Frontier Agency.

Z1																																	
27	0	24	0	24	0	20	0	20	0	19	0	320	0	320	0	240	0	10	0	10	0	10	0	3	11	0	3	10	0	3	6	0	Hazareebagh.
24	0	24	0	20	0	22	0	24	0	20	0	120	0	120	0	120	0	10	0	10	0	10	8	3	12	0	3	12	0	3	8	0	Lohardugga.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Singbhoom.
Z9																																	
40	0	40	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Manbhoom.

- W In Banka, Mudehpore and Soopool sub-divisions retail price of salt 11 seers per rupee.
 X In sub-divisions retail prices of salt per rupee were :—Khasengunge 10 seers and Arrareah (at Raneengunge) 11 seers.
 Y In sub-divisions retail prices of salt per rupee were :—Deoghur and Jantara 13 seers and Pakour 12 seers.
 Z In Bhadrach sub-division retail price of salt 14 seers per rupee.
 Z1 In Gudi sub-division (at Khatagdiha) retail price of salt 12 seers per rupee.
 Z2 In Govindpore sub-division retail price of salt 13 seers per rupee.

Published for general information.

P. NOLAN,
Secy. to the Govt. of Bengal.

PRICES-CURRENT (wholesale) of Food-grains, Firewood, and Salt in the

Number.	MARKS.	WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
1	Calcutta ...	2 9 3	2 12 6	2 7 0	1 4 0	1 8 0	1 10 0	3 8 0	2 7 0	5 4 0	1 13 6	1 14 0	2 4 9
2	Serajgunge ..	...	...	...	...	...	...	...	...	...	...	...	...
3	Dacca ...	2 12 0	3 0 0	2 4 0	1 8 0	1 8 0	1 8 0	2 6 0	2 6 0	2 12 0	2 1 0	2 1 0	2 8 0
4	Naraingunge ...	...	...	...	...	...	...	2 4 0	2 6 0	...	2 0 0	1 13 0	...
5	Chittagong ...	2 6 0	2 6 0	2 6 0	...	...	...	3 8 0	2 14 0	2 14 0	2 3 0	2 4 0	2 6 0
6	Patna ...	2 2 0	2 7 0	1 14 0	1 3 0	1 3 0	1 5 3	3 0 0	3 0 0	3 0 0	1 9 0	1 10 9	2 2 0
7	Balesore ...	2 4 0	2 4 0	1 15 0	3 0 0	3 0 0	3 2 0	2 12 0	2 12 0	2 8 0	1 7 0	1 7 0	1 8 0
8	Poorce ...	...	...	...	...	...	...	...	...	...	...	...	...
9	Cuttack ...	2 10 0	2 10 0	2 2 0	...	...	...	3 0 0	3 0 0	3 10 0	2 2 0	2 2 0	2 2 0

CALCUTTA,
The 15th April 1887.

WATER OR CHOLERA. (<i>Vibrio Vulgaris</i> .)	BAJRA OR CUMBU (<i>Pennisetum typhoides</i> .)
--	--

	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.
1	803	003	403	403	00
11	000	000	000	000	000
12	001	000	000	000	000
13	002	000	000	000	000
14	000	000	000	000	000
15	001	001	001	001	00
16	000	000	000	000	000
17	000	000	000	000	000
18	000	000	000	000	000
19	000	000	000	000	000
20	000	000	000	000	000
21	001	001	001	001	00
22	000	000	000	000	000
23	000	000	000	000	000
24	000	000	000	000	000
25	000	000	000	000	000
26	000	000	000	000	000
27	000	000	000	000	000
28	000	000	000	000	000
29	000	000	000	000	000
30	000	000	000	000	000
31	001	001	001	001	00
32	000	000	000	000	000
33	000	000	000	000	000
34	000	000	000	000	000
35	000	000	000	000	000
36	000	000	000	000	000
37	000	000	000	000	000
38	000	000	000	000	000
39	000	000	000	000	000
40	000	000	000	000	000
41	001	001	001	001	00
42	000	000	000	000	000
43	000	000	000	000	000
44	000	000	000	000	000
45	000	000	000	000	000
46	000	000	000	000	000
47	000	000	000	000	000
48	000	000	000	000	000
49	000	000	000	000	000
50	000	000	000	000	000
51	001	001	001	001	00
52	000	000	000	000	000
53	000	000	000	000	000
54	000	000	000	000	000
55	000	000	000	000	000
56	000	000	000	000	000
57	000	000	000	000	000
58	000	000	000	000	000
59	000	000	000	000	000
60	000	000	000	000	000
61	001	001	001	001	00
62	000	000	000	000	000
63	000	000	000	000	000
64	000	000	000	000	000
65	000	000	000	000	000
66	000	000	000	000	000
67	000	000	000	000	000
68	000	000	000	000	000
69	000	000	000	000	000
70	000	000	000	000	000
71	001	001	001	001	00
72	000	000	000	000	000
73	000	000	000	000	000
74	000	000	000	000	000
75	000	000	000	000	000
76	000	000	000	000	000
77	000	000	000	000	000
78	000	000	000	000	000
79	000	000	000	000	000
80	000	000	000	000	000
81	001	001	001	001	00
82	000	000	000	000	000
83	000	000	000	000	000
84	000	000	000	000	000
85	000	000	000	000	000
86	000	000	000	000	000
87	000	000	000	000	000
88	000	000	000	000	000
89	000	000	000	000	000
90	000	000	000	000	000
91	001	001	001	001	00
92	000	000	000	000	000
93	000	000	000	000	000
94	000	000	000	000	000
95	000	000	000	000	000
96	000	000	000	000	000
97	000	000	000	000	000
98	000	000	000	000	000
99	000	000	000	000	000
100	000	000	000	000	000

OF 40 SKIMS.

MARUA OR RAGI.
(*Eleusine Corocana.*)

KARHET OR KARU
ITALIAN MILLET.
(*Setaria italica.*)

Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
...	2 4 0	2 4 0	2 4
...
...
...
...
...
1 6 0	1 6 0	1 6 0	1 14 0	1 14 0	...
...
...
...

undermentioned *Marts* of Bengal during the fortnight ending 15th April 1887.

GRAM, CHANA, CHHOLA, KADALAY OR SURAGA. (<i>Cleor Aristinum.</i>)			INDIAN-CORN OR MAIZE. (<i>Zea Mays.</i>)			ARHAR OR THUR (<i>ADJAN PRA.</i> (<i>Cajanus indicus.</i>)			FIREWOOD.			SALT.			MARTS.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	
1 10 0	1 11 3	1 15 0	1 6 0	1 4 0	2 0 0	2 3 0	2 2 6	2 5 0	0 6 9	0 6 9	0 6 5	3 0 0	3 0 0	2 12 8	Calcutta.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Serajunge.
3 10 0	2 6 0	1 14 0	...	...	...	...	...	...	0 5 0	0 5 0	0 5 0	3 3 0	3 4 0	3 2 0	Dacca.
3 8 0	1 14 0	...	...	...	...	...	...	...	0 8 0	0 6 0	...	3 2 0	2 15 0	...	Narsingunge.
3 2 0	3 2 0	2 14 0	...	...	...	3 12 0	3 12 0	4 0 0	0 8 0	0 8 0	0 6 0	3 0 0	3 0 0	3 8 0	Chittagong.
1 4 9	1 5 6	1 6 9	...	1 4 0	1 11 6	1 5 6	1 6 6	1 6 0	0 5 0	0 5 0	0 4 6	3 1 6	3 1 6	3 1 6	Patna.
2 8 0	2 8 0	2 9 0	1 4 9	3 2 0	3 2 0	2 12 0	0 5 0	0 5 0	0 3 6	3 6 0	3 6 0	3 8 0	Balnore.
...	Pooree.
2 0 0	(Kotal) 2 0 0	2 0 0	0 8 0	0 8 0	0 8 0	2 12 0	2 12 0	2 12 0	Cuttack.

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P. NOLAN,
Secy. to the Govt. of Bengal

The following Statement shows the Quantities of the Principal Staples of Traffic imported into Calcutta from the Interior during the month of November 1886.

IMPORTS INTO CALCUTTA.

Whence imported.	FOOD-GRAINS.							FIBROUS PRODUCTS.		OILSEEDS.		Tea, Indian.	Cotton, raw.	Silk, raw.	SUGAR.		TOBACCO.	
	RICE AND PADDY.			Wheat.	Gram and pulses.	Other food-grains.	Total.	Jute, raw.	Gunny-bags.	Linseed.	Mustard-seed.				Drained.	Un-drained.	Be-path.	Oil.
	Rice.	Paddy.	Total (in rice).															
BENGAL.																		
Burdwan	1,71,804	8,804	1,77,808	1,082	3,426	.....	1,82,414	.....	18,535	1,140	.....	1,174	.....	171	25	.....	.....	.....
Beerbhoom	1,46,348	.....	1,46,348	.....	.....	.....	1,46,348	.....	8,010	.....	.....	.....	70	.....	.....	.....	.....	.....
Medinipur	83,314	18,092	1,00,001	.....	119	.....	1,00,101	.....	224	1,344	.....	.....	62	.....	.....	.....	.....	.....
Hoojly	43,045	4,055	15,112	4,085	3,857	1,219	64,317	60,807	303,444	10,273	12,352	.....	1,348	13	546	2,731	.....	.....
24 Pergunnahs	1,23,605	20,977	1,41,675	438	723	.....	1,42,836	1,02,835	291,674	90	.....	.....	1,177	.....	9,509	21,963	.....	.....
Nuddea	12,004	150	12,098	9,364	49,817	792	72,001	60,347	725	9,040	815	518	209	443	122	1,303	.....	.....
Khutia	15,161	3,300	17,223	.....	.....	.....	17,223	11,614	.....	.....	.....	.....	20	.....	300	7,625	.....	.....
Jessore	23,346	1,076	25,460	770	3,364	.....	20,589	45,900	2,080	.....	.....	.....	202	125	.....	.....	.....	.....
Boonshahabad	3,186	44	3,181	14,807	25,445	1,614	43,650	4,340	.....	4,558	6,482	.....	.....	.....	.....	.....	.....	.....
Dumagore	20,250	.....	20,250	447	851	0	21,552	18,509	38,672	.....	.....	.....	.....	.....	765	.....	.....	.....
Rajshahye	12,633	.....	12,633	1,070	17,466	108	31,896	2,00,100	242,025	.....	.....	.....	3	.....	.....	734	14	.....
Bangalore	403	.....	403	60	.....	.....	369	20,391	.....	.....	.....	117	.....	.....	.....	.....	.....	.....
Bogra	26,274	.....	26,274	.....	.....	.....	26,274	20,391	.....	.....	.....	7	.....	.....	.....	.....	.....	.....
Patna	3,384	.....	3,384	490	3,201	.....	6,594	4,01,740	661,390	.....	4,393	6,454	.....	.....	.....	.....	.....	.....
Darjeeling	.....	.....	.....	.....	.....	.....	1,04,045	744,415	.....	.....	.....	17,503	.....	.....	.....	.....	.....	.....
Jalpaigore	.....	.....	.....	.....	.....	.....	3,10,000	500	162	.....	.....	.....	541	.....	.....	.....	.....	.....
Dacca	5,801	200	6,010	213	5,047	.....	11,870	2,72,294	595	.....	.....	.....	555	400	94	125	.....	.....
Purpore	86,779	453	81,062	.....	.....	.....	81,062	.....	.....	.....	.....	.....	.....	.....	150	.....	.....	.....
Backergunge	7	.....	7	.....	.....	.....	7	1,31,511	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mymensingh	.....	.....	.....	.....	.....	.....	.....	13,175	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tippur	100	.....	100	.....	.....	.....	100	.....	.....	.....	.....	2,050	457	.....	.....	.....	.....	.....
Chittagong	6,428	.....	6,428	.....	343	.....	6,771	400	.....	.....	.....	.....	60	.....	.....	.....	.....	.....
Noakhally	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total of Bengal	7,87,932	62,550	8,27,020	34,417	1,15,977	8,975	9,81,205	18,50,127	2,373,872	30,809	24,750	27,293	4,511	1,480	12,042	40,621	602	31
BEHAR.																		
Patna	421	.....	421	1,05,311	55,682	5,506	1,08,310	.....	1,120	1,57,443	34,601	.....	.....	1	1,047	167	.....	.....
Gya	3	.....	3	3,929	.....	.....	3,932	.....	700	682	.....	.....	.....	.....	.....	.....	.....	.....
Shehabad	.....	.....	.....	18,370	14,008	542	34,920	.....	.....	0,003	602	28	.....	.....	206	1,324	.....	.....
Mazulipore	.....	.....	.....	2,473	169	.....	4,431	870	210	1,005	205	.....	.....	.....	.....	.....	.....	.....
Darbhanga	.....	.....	.....	4,000	2,631	1,124	8,884	.....	310	50,884	16,809	.....	14	.....	.....	.....	.....	.....
Saran	200	.....	200	5,532	21,779	.....	30,411	.....	105	33,403	6,828	.....	143	.....	.....	.....	.....	.....
Champaran	.....	.....	.....	5,532	21,779	.....	30,411	.....	105	33,403	6,828	.....	143	.....	.....	.....	.....	.....
Monohyr	308	.....	308	4,431	3,002	290	47,465	.....	805	5,791	8,586	.....	.....	.....	514	.....	.....	.....
Bhagalpore	108	.....	108	3,367	3,367	4,382	43,230	.....	745	5,800	17,575	.....	20	.....	.....	.....	.....	.....
Bhagalpore	970	.....	970	2,885	8,407	.....	12,434	.....	1,300	3,576	9,808	80	.....	.....	.....	.....	.....	.....
Purneah	1,111	.....	1,111	7,774	3,987	22,202	13,964	15,350	.....	940	305	.....	.....	.....	.....	.....	.....	.....
Maldah	40	.....	40	17,720	1,061	.....	10,700	.....	1,470	4,340	14,181	.....	102	.....	.....	.....	.....	.....
South Patna	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total of Behar	3,259	.....	3,259	2,50,345	1,15,997	10,037	3,80,298	15,860	5,775	2,81,557	1,00,393	117	167	194	1,827	2,639	25	.....
ORISSA.																		
Patna	10,017	3,530	18,220	197	670	.....	19,065	265	840	41	.....	.....	.....	.....	.....	.....	.....	.....
Balasore	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total of Orissa	10,017	3,530	18,220	197	670	.....	19,065	265	840	41	.....	.....	.....	.....	.....	.....	.....	.....
CHOTA NAAGPORE.																		
Hazaribagh	.....	.....	.....	.....	.....	.....	.....	.....	75	.....	250	.....	.....	.....	.....	.....	.....	.....
Manbhooh	.....	.....	.....	.....	.....	.....	.....	.....	210	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total of Chota Nagpore	.....	.....	.....	.....	.....	.....	.....	.....	965	.....	250	.....	.....	.....	.....	.....	.....	.....
Grand Total of supplies from the Provinces under the Lieutenant-Governor's direct control																		
	8,07,208	66,080	8,16,514	2,54,950	1,15,961	20,012	13,80,410	18,60,541	2,651,232	3,12,407	1,34,152	27,050	4,668	1,600	13,960	42,650	680	.....
OTHER PROVINCES.																		
Assam	2,050	.....	2,050	.....	.....	.....	2,050	15,000	.....	4,863	1,00,373	10	.....	.....	.....	.....	.....	.....
North-Western Provinces and Oudh	.....	.....	.....	2,20,245	63,857	6,110	2,90,212	.....	1,435	27,550	20,218	1,41,094	17	.....	.....	.....	.....	.....
Punjab	6	.....	6	.....	10,368	508	10,874	143	.....	.....	549	3,110	.....	.....	5	.....	.....	.....
Central Provinces	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	102	.....	.....	.....	.....	.....	.....
Rajputana States	.....	.....	.....	.....	270	.....	270	.....	.....	.....	.....	154	.....	.....	.....	.....	.....	.....
Bihar	.....	.....	.....	.....	.....	.....	.....	.....	455	.....	.....	10,539	.....	.....	1	.....	.....	.....
Benar	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	716	.....	.....	2,004	.....	.....	.....
Maldah	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,254	.....	.....	.....	.....	.....	.....
Other places	0,305	.....	0,305	.....	.....	.....	0,305	.....	.....	.....	.....	20	.....	25	14,277	12,541	.....	.....
Grand Total of imports in November 1886	8,10,537	66,080	8,16,514	2,54,950	1,15,961	27,334	17,00,692	10,61,755	2,883,124	3,30,903	1,50,233	1,85,592	1,04,598	1,654	30,722	55,352	830	.....
Grand Total of imports in November 1886	8,20,653	74,930	8,28,890	3,35,725	1,52,744	16,029	12,19,082	22,53,443	1,688,102	3,37,531	1,31,505	1,11,963	70,181	1,312	16,368	54,432	710	.....

* One mound of paddy is equivalent to 25 seers of rice.

† Exclusive of bags obtained by local manufacture.

The Sea-borne Trade of Calcutta in these Staples during the month of November 1886, was as follows:—

EXPORTED FROM CALCUTTA.																	
To Indian ports.																	
By Sea—	2,28,114	.....	2,28,114	.....	.....	.....	2,28,114	.....	1,000,050	.....	.....	996	670	.....	.....	.....	.....
Bombay	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other ports in Bombay	271	.....	271	1	34,434	305	34,741	.....	15,100	.....	.....	1	.....	188	84	.....	.....
Madras	.....	.....	.....	.....	.....	.....	.....	.....	150,350	.....	.....	.....	.....	.....	.....	.....	.....
Other ports in Madras	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other ports in Madras	10,514	.....	10,514	389	5,416	.....	16,010	3,173	141,500	.....	4	1	.....	6	404	.....	.....
British Burmah	2,554	.....	2,554	659	33,000	1,504	38,087	23	507,570	20	.....	474	1	7	1,127	430	.....
Other Indian ports	.....	.....	.....	.....	1,704	.....	1,704	.....	85,320	.....	.....	.....	.....	.....	1,180	.....	.....
Pondicherry	.....	.....	.....	80	.....	.....	80	.....	2,100	.....	.....	.....	.....	.....	.....	.....	.....
Total of Inter-port trade	2,41,723	.....	2,41,723	1,130	45,535	1,807	3,10,264	3,196	2,890,890	20	4	1,462	682	201	3,211	801	.....
Foreign ports—																	
United Kingdom	54,101	.....	54,101	1,07,713	27,063	8,486	2,87,425	10,63,034	801,506	3,21,488	78,693	1,45,682	10,818	94	.....	.....	.....
Other Foreign ports	2,04,680	9,500	3,04,031	3,33,500	52,780	.....	6,05,270	2,12,877	10,440,890	3,169	200	4,802	28,541	494	.....	.....	.....
Total of Foreign trade	3,52,231	9,500	3,58,172	5,56,222	79,824	8,486	6,82,701	13,90,541	10,758,396	3,24,617	78,893	1,50,084	37,530	674	.....	.....	.....
Grand Total of Exports in November 1886	5,94,014	9,506	5,99,985	5,57,361	1,45,359	10,293	12,92,968	13,90,747	13,554,676	3,24,437	78,897	1,51,546	38,041	778	3,211	801	.....
..... 1886	6,14,023	2,643	6,14,703	4,25,861	58,786	6,126	11,03,420	10,97,408	7,228,312	4,80,286	80,961	1,45,179	17,140	1,403	3,417	254	.....

The following Statement shows the several Routes followed by the Trade in the Principal Staples of Traffic imported into Calcutta during the month of November 1886.

IMPORTS INTO CALCUTTA.

SPECIFICATION OF ROUTES.	FOOD-GRAINS.					FIBROUS PRODUCTS.		OILSEEDS.		Tea, Indian.	Cotton, raw.	Silk, raw.	SUGAR.		TOBACCO.	
	Rice.	Paddy.	Wheat.	Gram and pulses.	Other food-grains.	Jute, raw.	Gunny-bags.	Linseed.	Mustard seed.				Drain- ed.	Un- drained.	Bis- path.	Other kinds.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Steamers ...	3,62,581	51,793	54,063	1,27,594	12,852	6,10,308	622,167	46,593	68,264	...	3,168	241	3,516	26,832	190	12,816
East Indian Railway ...	2,89,744	3,637	4,46,063	1,64,178	14,366	...	30,065	2,85, 90	89,281	3,110	1,53,2 0	762	1,601	2,117	...	397
Eastern Bengal State Railway ...	60,728	11	963	20,542	...	7,94,280	1,690,500	4,413	688	33,113	1,004	520	1	3,408	734	15,342
...	44,270	0,437	261	...	...	81,030	30,550	...	...	...	...	...	7,834	10,321	...	0,562
...	25,390	3,530	197	5,062	14	5,271	840	41	...	2,050	11,072	23	10,281	12,581	...	...
Total of 1886 ...	8,10,837	66,080	5,05,224	3,16,101	27,394	19,01,763	2,383,122	3,39,963	1,59,233	1,35,502	1,01,328	1,654	30,722	55,762	930	35,821
... 1885 ...	6,30,363	74,030	3,88,725	2,62,744	16,825	22,53,443	1,668,102	3,37,381	1,31,505	1,11,063	76,181	1,322	18,388	54,452	710	36,031

The following Statement shows the Values, Quantities, and Numbers of the Principal Staples of Traffic exported Inland from Calcutta during the month of November 1886.

EXPORTS FROM CALCUTTA.

SPECIFICATION OF ROUTES.	Cotton piece-goods.		Cotton twist.		Salt.	Gunny-bags.	Whither exported.	Cotton piece-goods.		Cotton twist.		Salt.	Gunny-bags.
	European.	Indian.	European.	Indian.				European.	Indian.	European.	Indian.		
	Rs.	Rs.	Mds.	Mds.	Mds.	No.		Rs.	Rs.	Mds.	Mds.	Mds.	No.
BENGAL.							CHOTA NAGPORE.						
...	3,04,723	19,250	610	1,714	12,380	110,810	Hazireebagh ...	41,391	3,630	...	204	...	840
...	1,70,255	4,020	116	592	...	106,005	Manbhoon ...	85,176	4,730	28	1,366	...	4,000
...	2,00,814	...	1,765	...	6,205	26,024	Total of Chota Nagpore ...	1,26,567	8,360	28	1,570	...	4,000
...	1,30,455	1,773	325	103	170	77,224	Grand Total of supplies into the provinces under the Lieutenant-Governor of Bengal.	85,64,342	62,250	11,020	9,074	5,89,273	11,51,760
...	2,11,300	10,610	437	...	12,014	120,015	OTHER PROVINCES.						
...	8,02,092	...	1,660	...	43,672	29,133	Assam ...	1,13,977	220	451	...	59,350	...
...	90,599	...	255	...	10,240	1,490	North-Western Provinces and Oudh ...	27,348 0	43,896	3,668	1,132	...	466,150
...	1,17,435	...	269	...	32,367	630	Punjab ...	7,84,101	36,800	1,717	...	137,793	...
...	18,470	550	29	5	19,040	18,935	Central Provinces ...	31,132	...	139	...	...	47,095
...	1,21,302	...	146	...	8,347	5,815	Rajputana States ...	2,280	...	124	...	...	46,220
...	2,00,830	990	63	...	31,668	6,070	Romney ...	20,736	770	...	...	...	1,016, 35
...	4,02,873	...	155	...	14,309	210	Madras ...	60,962	...	2,188	15	...	297,000
...	2,41,421	...	171	...	7,701	12,353	Pondicherry ...	...	...	...	...	...	2,100
...	3,60,951	...	178	30	94,039	650	British Burmah ...	2,33,448	...	747	...	...	507,470
...	39,879	550	195	...	1,577	315	Other places ...	26,460	9,369	8,024	...	...	10,754,363
...	1,03,455	...	202	...	15,000	315	Grand Total of 1886 ...	1,28,92,034	1,33,338	28,047	11,794	6,40,032	15,397,020
...	8,10,720	3,320	1,802	...	55,608	1,740	Exports in November ...	1,38,85,000	83,450	23,864	10,370	9,39,900	9,906,538
...	5,11,100	...	1,058	...	46,512	2,510	The Sea-borne Trade of Calcutta in these Staples during the month of November 1886 was as follows:—						
...	2,03,710	...	280	...	37,001	0 5	IMPORTED INTO CALCUTTA—						
...	1,47,708	...	94	...	23,040	70	From Foreign Ports—						
...	1,40,742	...	250	...	5,780	...	United Kingdom ...	1,04,13,152	...	11,137	...	0,39,437	...
...	27,940	...	...	...	301	...	Other Foreign ports ...	60,430	...	500	...	3,39,084	...
...	62,06,083	41,560	10,817	2,450	4,94,027	5,6827	Total of Foreign Trade ...	1,08,03,032	...	11,435	...	0,99,441	...
BHAR.							From Indian Ports—						
...	3,47,823	2,530	102	475	0,500	247,805	Romney ...	11,137	2,80,810	...	7,006	59,607	...
...	1,09,643	990	83	803	...	21,175	Madras ...	5,238	1,511	...	...	...	...
...	4,78,283	...	11	542	...	26,010	British Burmah ...	2,352	1,100	238	...	...	...
...	96,780	7,700	2	...	400	1,025	Other Indian ports ...	652	630	...	4	...	840
...	6,24,807	6,100	23	925	22,830	66,800	Total of Interport Trade ...	22,220	2,02,871	28	7,010	50,707	81
...	1,46,286	...	6	...	500	11,620	Grand Total of Im- (1886	1,08,25,871	2,02,871	11,881	7,010	10,66,035	810
...	4,05,057	1,650	46	...	...	10,510	ports in November 1886	77,14,400	2,00,000	22,300	3,335	8,03,441	300
...	2,02,217	8,150	6	...	...	37,075							
...	2,01,084	10,010	61	...	...	5,608							
...	1,02,399	2,040	52	...	...	3,000							
...	2,05,104	1,980	77	...	...	55,015							
...	30,36,002	42,190	603	5,012	80,873	647,843							
...	1,55,800	...	5,021	...	14,273	92,220							

* As per tariff declaration value.

The following Statement shows the several Routes followed by the Trade in the Principal Staples of Traffic exported from Calcutta during the month of November 1886.

SPECIFICATION OF ROUTES.	COTTON PIECE-GOODS.		COTTON TWIST.		Salt.	Gunny-bags.
	European.	Indian.	European.	Indian.		
	Rs.	Rs.	Mds.	Mds.	Mds.	No.
Steamers ...	3,88,008	450	2,544	...	4,73,872	206,588
East Indian Railway ...	8,06,318	6,360	1,472	...	37,408	30,467
Eastern Bengal State Railway ...	74,00,047	1,39,770	6,748	10,764	...	1,383,020
...	34,01,235	5,240	5,628	30	1,05,420	47,110
...	2,25,454	10,880	703	38	4,050	4,702
...	6,29,682	0,809	11,830	878	14,873	18,754,675
Grand Total of Exports in November ...	1,24,2,614	1,80,459	28,087	11,784	6,10,639	15,397,020
... 1885 ...	1,36,80,000	26,459	23,864	10,370	9,39,900	9,906,538

STATISTICAL DEPARTMENT,
The 16th April 1887.

P. NOHAN,
Secretary to the Govt. of Bengal.

Meteorological Report of the Province of Bengal.

METEOROLOGICAL DIVISION.			STATION OBSERVATIONS.												
DISTRICT.	Representative station.	AIR PRESSURE.			WIND.		TEMPERATURE.								
		Mean barometric height, 10 A.M.	Mean reduced to sea level.	Variation from mean.	Prevailing direction.	Mean wind velocity.	Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.	
CHINA.	Pooree	Gopalpore	29.856	29.906	—	SSW	320	86.2	12th April	77.3	9th April	85.4	78.6	82.0	—
	False Point	False Point	29.854	29.912	+0.055	SSW	330	89.0	15th ..	71.1	10th ..	88.0	78.7	83.4	-2.1
	Cuttack	Cuttack	29.808	29.880	+0.073	S & SSW	82	104.4	12th ..	70.8	10th & 11th April.	100.1	78.0	87.6	-2.6
	Balasore	Balasore	29.827	29.886	—	SW	122.5	88.0	13th ..	68.9	8th April	86.9	78.4	80.9	—
	South-West Midnapore	Samkor Island	29.882	29.908	+0.026	S	240	90.2	13th ..	72.5	18th ..	88.8	77.1	83.0	-1.5
SOUTH-WEST BENGAL.	South 24 Pargunnahs	Midnapore	29.726	29.877	—	S	126.2	90.8	15th ..	67.2	18th ..	92.0	78.2	83.6	—
	24 Pargunnahs	Calcutta	29.874	29.890	+0.016	SSE	120	93.5	13th ..	68.2	9th ..	89.6	78.0	80.8	-5.1
	Howrah	Howrah	29.874	29.890	+0.016	SSE	120	93.5	13th ..	68.2	9th ..	89.6	78.0	80.8	-5.1
	Hooghly	Hooghly	29.874	29.890	+0.016	SSE	120	93.5	13th ..	68.2	9th ..	89.6	78.0	80.8	-5.1
	Hurdwan	Burawan	29.810	29.902	+0.092	South-easterly	80.3	95.2	12th ..	66.0	14th ..	98.8	71.8	85.7	-6.8
SOUTH-WEST BENGAL.	Bankoora	Bankoora	29.674	—	—	SE	37	97.1	13th ..	67.1	15th ..	91.8	71.7	81.8	—
	Beerbhoom	Raneegunge	29.600	—	—	SE	85.0	98.5	13th ..	64.2	14th ..	93.2	71.0	82.1	—
	West Hurdwan	Raneegunge	29.600	—	—	SE	85.0	98.5	13th ..	64.2	14th ..	93.2	71.0	82.1	—
	Moorsahedabad	Berhampore	29.836	29.904	+0.068	SSW	97.0	95.7	14th ..	68.2	9th & 11th April.	90.6	70.9	80.6	-7.4
	Nudda	Krishnagar	29.848	—	—	S	96.8	95.0	14th ..	64.5	9th April	91.4	70.4	80.9	—
SOUTH-WEST BENGAL.	Jessore	Jessore	29.881	29.914	+0.033	South-westerly	87.8	92.3	11th ..	67.5	9th ..	92.4	73.2	82.3	-4.8
	Khoolna	Khoolna	29.881	29.914	+0.033	South-westerly	87.8	92.3	11th ..	67.5	9th ..	92.4	73.2	82.3	-4.8
	Chittagong	Chittagong	29.840	29.930	+0.090	Variable	62	80.6	11th & 12th April.	68.5	11th ..	83.9	73.1	80.5	-0.8
	Chittagong Hill Tracts	Demagiri	—	—	—	—	—	—	—	—	—	—	—	—	—
	Backergunge	Barrisal	29.897	29.909	—	S	70.0	92.3	11th & 14th April.	68.4	9th ..	90.8	73.6	81.7	—
SOUTH-WEST BENGAL.	Noakholly	Noakholly	29.874	29.917	—	Calm	13.7	90.8	13th April	66.4	11th ..	88.8	71.8	80.0	—
	Furroadpore	Furroadpore	29.837	—	—	S, NW	93	94.6	14th ..	65.0	9th ..	87.0	69.6	78.3	—
	Dacca	Dacca	29.800	29.913	+0.080	S	70	96.1	14th ..	69.1	9th ..	91.5	78.0	84.7	-2.3
	Tipperah	Comilla	29.880	29.916	—	SE	74.1	94.3	15th ..	68.8	9th ..	91.3	70.4	81.0	—
	Mymensingh	Mymensingh	29.876	—	—	SE	74	90.3	9th & 13th April.	66.1	9th ..	89.0	68.4	76.7	—
NORTH BENGAL.	Bogra	Bogra	29.832	29.896	—	Calm	40.2	95.0	14th April	64.4	10th ..	91.4	69.3	80.3	—
	Pabna	Serajgunge	29.860	29.907	—	South-easterly	70.3	94.9	14th ..	64.8	9th ..	90.4	68.7	79.6	—
	Rajshahye	Rampore Beau-leah.	29.810	29.889	—	S	91.7	95.3	14th ..	64.7	10th & 11th April.	91.7	68.1	79.9	—
	Maldah	Maldah	29.728	—	—	SE	39.7	90.6	14th ..	63.7	11th April	91.9	67.6	79.6	—
	Dinagopore	Dinagopore	29.783	29.904	—	SSE	78.6	94.1	14th ..	64.2	10th ..	89.7	69.0	78.4	—
NORTH BENGAL.	Rangpore	Rangpore	29.787	29.914	—	E	79.9	92.4	13th ..	63.8	18th ..	88.5	64.8	76.7	—
	Julpigoree	Julpigoree	29.637	29.928	—	Easterly	100.4	92.0	14th ..	60.4	10th ..	87.7	68.4	76.7	—
	Cooch Behar	Julpigoree	29.637	29.928	—	Easterly	100.4	92.0	14th ..	60.4	10th ..	87.7	68.4	76.7	—
	Darjeeling Hill Districts	Darjeeling	23.020	—	+0.056	Calm	118.3	60.9	14th ..	48.0	10th ..	87.8	68.6	81.4	-3.1
	Purneah	Purneah	29.784	29.911	+0.110	Calm	18.3	90.2	14th ..	63.7	10th ..	90.8	66.1	78.4	-5.3
NORTH BENGAL.	North Bhagulpore	North Bhagulpore	29.784	29.911	+0.110	Calm	18.3	90.2	14th ..	63.7	10th ..	90.8	66.1	78.4	-5.3
	Mozufferpore	Mozufferpore	—	—	—	—	—	—	—	—	—	—	—	—	—
	Durbhunga	Durbhunga	29.736	29.905	+0.114	ESE	123	94.9	14th April	65.9	8th & 10th April.	90.7	68.6	79.7	-4.1
	Chumpran	Motihari	29.670	29.900	—	ESE	161.9	96.3	14th ..	61.1	10th April	88.3	65.5	76.9	—
	Barin	Chupra	29.691	—	—	Easterly	97.1	98.0	15th ..	63.8	9th ..	93.1	60.8	81.3	—
SOUTH BENGAL.	Shahabad	Dehree	29.611	29.865	—	S	169.7	94.3	14th ..	64.8	9th ..	89.4	70.4	79.9	—
	Buxar	Buxar	29.635	29.878	—	NE	150.6	97.4	14th ..	63.9	9th ..	92.3	69.8	81.0	—
	Arrah	Arrah	29.665	29.883	—	South-easterly	88.6	96.3	14th ..	63.8	9th & 10th April.	93.7	68.2	81.3	—
	Gya	Gya	29.455	29.864	+0.063	South-easterly	66.0	99.1	13th ..	67.7	9th & 10th April.	96.4	71.0	83.2	-6.1
	Patna	Bankipore	29.703	29.887	+0.087	North-easterly	104.1	96.8	14th ..	66.3	9th April	93.1	69.8	81.5	-5.6
SOUTH BENGAL.	South Bhagulpore	South Bhagulpore	29.710	29.883	—	Easterly	74	96.4	14th ..	65.0	10th ..	90.0	68.9	79.4	—
	Monghyr	Bhagulpore	29.710	29.883	—	Easterly	74	96.4	14th ..	65.0	10th ..	90.0	68.9	79.4	—
	Southal Pargunnah	Doomka	29.383	—	—	SE	26.8	99.4	14th ..	67.4	9th ..	98.0	71.0	81.5	—
	Hazaribagh	Hazaribagh	27.867	29.883	+0.042	S	157.9	98.6	14th & 18th April.	63.3	9th ..	93.0	67.6	80.3	-4.3
	Lohardugga	Lohardugga	27.867	29.883	+0.042	SSW	126.3	97.3	15th April	63.9	10th ..	92.9	66.8	79.9	—
SOUTH BENGAL.	Manbhoom	Manbhoom	27.744	29.843	—	—	—	—	—	—	—	—	—	—	—
	Singbhoom	Chyabasa	29.086	—	—	S, SSW	85.3	103.0	14th ..	71.0	9th ..	95.4	74.3	85.8	—

Explanation. - Summary. - The normal means of air pressure and temperature are the arithmetical averages or means of the readings during the same period for the years 1871 to 1880. The humidity of the atmosphere is expressed as a percentage, saturated air being represented by 100. A clear sky is denoted by 0 and an overcast sky by 10. The numerical means or averages of the rainfall in that district determined from the returns sent in by the sub-divisional stations for the period in question during the same period. A rainy day is one on which at least hundredth of an inch fell.

for the week ending Friday, the 15th April 1887.

DISTRICT OBSERVATIONS.														Representative station.	DISTRICT.	METEOROLOGICAL DIVISION.
Average humidity at 10 A.M.	Average cloud amount at 10 A.M. for week.	Rainfall of week at observing stations.	RAINFALL.													
			Of week.		Since 1st of Month.			Since 18th May 1886.			Average number of rainy days.	Normal number of rainy days.				
			Mean for district.	Normal mean.	Mean for district.	Normal mean.	Variation.	Mean for district.	Normal mean.	Variation.						
75	0.4	Nil												Gopalpore	ORISSA.	
73	3.1	Nil	0.04	0.17	0.04	0.56	-0.52	62.00	58.26	+3.74	0.3	0.5	False Point	Cuttack		
72	0.6	0.06	0.21	0.15	0.21	0.24	-0.13	65.80	54.02	+11.88	1.0	0.4	Cuttack			Cuttack
65	0	0.24	0.70	0.35	0.70	0.63	+0.07	60.74	56.76	+3.98	1.7	0.8	Balasore			Balasore
70	5.0	1.16	0.52	0.27	0.52	0.40	+0.12	54.99	56.23	-11.25	1.4	0.5	Saugor Island	South-West Midnapore	SOUTH-WEST BENGAL.	
	2.3	1.20	0.68	0.18	0.94	0.38	+0.56	50.10	55.02	-4.92	1.3	0.5	Midnapore	Midnapore		
46	2.2	0.50	0.96	0.29	1.06	0.63	+0.43	61.91	55.35	+6.56	1.0	0.6	Calcutta	24-Pergunnahs		
63	2.0	1.13	1.16	0.37	1.31	0.73	+0.58	58.50	49.48	+9.02	1.3	0.6	Burdwan	Howrah		
67	1.1	1.27	1.20	0.09	1.39	0.21	+1.18	50.26	54.26	+2.00	1.8	0.3	Bankoora	Hooghly	SOUTH-WEST BENGAL.	
60	1.6	1.23	1.37	0.24	1.82	0.44	+1.38	70.40	53.85	+16.54	1.3	0.5	Raneegunge	Burdwan		
61	1.7	0.76	0.58	0.34	0.71	0.62	+0.09	64.73	51.23	+13.51	1.5	0.5	Berhampore	Beerbhoom		
49	2.3	0.34	0.79	0.56	0.99	1.13	-0.14	61.22	52.05	+8.27	1.0	0.6	Krishnaghar	West Burdwan		
62	2.4	0.32	0.36	0.61	0.38	1.17	-0.79	64.03	58.02	+6.01	1.4	0.8	Jessore	Nuddea	SOUTH-WEST BENGAL.	
66	0.7	0.05	Nil	0.40	Nil	0.78	-0.78	133.58	117.24	+16.34	0.0	0.0	Chittagong	Jessore		
			Nil	0.70	Nil	1.90	-1.90	98.14	87.03	+10.01	0.0	1.3	Dumagiri	Khoolna		
64	1.9	0.31	0.14	0.68	0.14	0.93	-0.81	81.77	82.16	-0.39	0.8	1.0	Barrisal	Chittagong Hill Tracts		
65	0.8	0.24	0.10	0.96	0.16	1.86	-1.70	128.70	116.07	+12.63	1.0	1.5	Nonkholly	Backergunge	EAST BENGAL.	
58	0	Nil	0.49	0.08	0.57	1.30	-0.73	65.91	61.14	+4.77	0.7	1.2	Furzedpore	Nonkholly		
64	1.9	0.03	0.10	0.48	0.10	1.70	-1.60	81.67	54.28	+27.39	1.0	1.0	Dacca	Furzedpore		
71	2.3	0.26	0.13	0.06	0.13	1.93	-1.80	84.26	77.83	+6.43	0.5	1.5	Comillah	Dacca		
67	1.6	0.82	0.80	0.41	0.57	1.14	-0.57	73.08	71.40	+1.68	0.8	1.1	Mymensingh	Tipperah	EAST BENGAL.	
66	1.1	0.23	0.11	0.24	0.11	0.48	-0.37	70.44	58.55	+12.09	1.3	0.5	Bogra	Mymensingh		
70	2.4	0.30	0.28	0.36	0.33	1.09	-0.77	65.93	57.60	+8.33	1.0	0.8	Serajungo	Bogra		
62	0	0.43	0.20	0.16	0.20	0.84	-0.64	63.03	50.10	+12.93	0.5	0.4	Rampore Beaulah	Pubna		
58	0	1.31	0.92	0.28	1.06	0.48	+0.58	64.51	55.34	+9.17	2.0	0.4	Maldah	Rajshahy	EAST BENGAL.	
63	1.1	0.29	0.43	0.06	0.44	0.17	+0.27	76.10	54.95	+21.14	2.0	0.2	Dinapore	Maldah		
61	0.9	0.02	0.37	0.47	0.37	1.01	-0.64	76.79	70.23	+6.56	0.6	1.0	Rangpore	Dinapore		
58	0.6	0.37	0.61	0.37	0.64	1.32	-0.68	113.46	114.07	-0.61	2.4	1.1	Julpigoree	Rangpore		
63	5.4	3.63	1.86	0.61	2.57	1.62	+0.95	146.97	121.32	+25.65	3.5	1.8	Darjeeling	Julpigoree	EAST BENGAL.	
56	1.3	1.40	1.04	0.17	1.10	0.34	+0.76	81.98	58.05	+23.93	1.8	0.2	Purneah	Cooch Behar		
			0.54	0.13	0.57	0.23	+0.35	62.53	43.26	+19.27	1.3	0.3	Mozufferpore	Darjeeling Hill Districts		
67	0.9	0.06	0.69	0.13	0.46	0.18	+0.51	63.89	44.07	+19.82	2.0	0.1	Durbhunga	Purneah		
60	2.0	0.60	0.68	0.21	0.80	0.55	+0.45	63.90	40.70	+23.20	2.0	0.2	Motihari	North Bhagulpore	EAST BENGAL.	
56	1.1	0.39	0.35	0.05	0.43	0.07	+0.35	63.64	43.30	+20.34	1.0	0.2	Chupra	Mozufferpore		
44	1.1	0.25											Dehra	Durbhunga		
50	1.1	0.26	0.30	0.03	0.72	0.09	+0.63	57.69	40.34	+17.35	1.0	0.2	Buxar	Chumpran		
50	0.9	0.06											Arrah	Sarun	EAST BENGAL.	
38	0.4	0.20	0.56	0.91	0.66	0.07	+0.59	67.18	41.08	+26.10	1.0	0.2	Gya	Shahabad		
38	1.4	0.04	0.20	0.06	0.28	0.00	+0.17	63.49	41.30	+22.19	1.0	0.3	Bankipore	Gya		
40	0.6	0.07	0.06	0.10	0.75	0.17	+0.58	63.61	46.16	+17.45	1.4	0.3	Bhagulpore	Patna		
68	0	0.02	0.51	0.16	1.11	0.24	+0.87	73.73	50.30	+23.43	1.5	0.3	Doomka	South Bhagulpore	EAST BENGAL.	
33	1.1	Nil	0.03	0.04	0.16	0.05	+0.09	59.06	51.60	+7.46	0.3	0.2	Hazaribagh	Monghyr		
48	0.7	0.01	0.56	0.16	0.74	0.23	+0.46	51.13	49.43	+1.75	0.3	0.3	Ranchoe	Sonthal Pergunnahs		
48	0.1	drops	Nil	0.16	0.17	0.31	-0.14	44.09	54.54	-10.45	0.0	0.5	Chyebassa	Lohardugga		

The variations are negative when the mean for the week is less than the corresponding normal mean, and positive when greater.
 The means of the district are the numerical averages of the rainfall return received in the district, i.e., from the total rainfall at the subdivisions.

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 15th of April 1887.

Meteorological division.	District.	Station.	RAINFALL.							TOTAL.		Total rain- fall since 1st of month.	Average total rain- fall from 1st of month.	Total rain- fall since 15th May 1890.	Average rainfall from 15th May to date.	
			Saturday, 9th April.	Sunday, 10th April.	Monday, 11th April.	Tuesday, 12th April.	Wednesday, 13th April.	Thursday, 14th April.	Friday, 15th April.	Number rainy days.	Rainfall week.					
ORISSA	Pooree	Pooree								Nil	Nil	Nil	0'18	55'18	55'01	
		Khandah		0'17						Nil	0'17	0'17	0'24	60'50	58'90	
		Bampur								Nil	Nil	Nil	0'31	60'57	58'10	
		False Point								Nil	Nil	Nil	1'53	59'59	58'47	
		Gop Pipil								Nil	Nil	Nil	?	60'29	?	
	Cuttack	Jagatsingapore	0'40							Nil	Nil	Nil	0'16	60'60	58'34	
		Bauki								1	0'40	0'40	0'12	63'00	57'44	
		Cuttack								Nil	Nil	Nil	0'31	65'44	54'48	
		Kendrapara								Nil	0'00	0'40	0'03	66'19	55'40	
		Jalpore	0'10					0'10	0'50	3	0'67	0'57	?	66'16	?	
	Balasore	Dharmasalla						0'07	0'40	3	0'40	Nil	?	?	?	
		Salisore								Nil	Nil	Nil	?	?	?	
		Chandbali	0'30					1'30	2'05	3	2'05	3'45	0'54	55'01	54'09	
		Bhuddruck							0'26	1	0'26	0'26	0'82	61'20	58'22	
		Sorah	0'15							1	0'15	0'15	1'07	63'71	54'48	
SOUTH-WEST BENGAL.	Midnapore	Balasore	0'40							1	0'40	0'40	0'51	64'21	54'71	
		Banspoddah	0'10					0'10		2	0'20	0'20	0'29	66'63	57'79	
		Contai								Nil	Nil	Nil	0'34	44'01	57'00	
		Saugor Island	0'36		0'28					3	1'16	1'16	0'10	60'30	58'08	
		Tumlook								1	0'30	0'30	0'32	47'30	54'36	
	24-Pargunnah	Midnapore								1	1'00	1'00	0'36	46'10	52'46	
		Ghattai	0'01							2	0'72	0'73	0'40	54'82	58'40	
		Deog								Nil	Nil	Nil	?	42'87	?	
		Heria								1	0'30	0'30	?	48'40	?	
		Bhagwanpore								Nil	Nil	Nil	?	43'50	?	
	Howrah	Garbeta	0'40							2	1'10	1'10	?	51'58	?	
		Diamond Har- bour								1	0'40	0'40	0'6	54'63	53'10	
		Canning Town								1	0'08	0'08	?	60'00	58'50	
		Alipore Jail								1	0'50	0'50	0'45	62'05	59'29	
		Barrackpore	0'07							2	1'04	1'08	0'55	60'01	58'48	
Hooghly	Dum-Dum								1	0'34	0'34	0'07	57'85	55'01		
	Barua-t								1	1'14	1'14	0'67	64'63	60'00		
	Buserhat	0'65							2	0'25	0'87	0'44	71'23	67'70		
	Howrah		0'03					0'01	0'19	3	0'23	0'24	0'06	55'58	54'41	
	Mohesteke (Octoberiah.)							0'02	1	0'02	0'03	0'45	57'24	56'29		
Bankura	Serampore		0'00						0'51	2	1'17	1'17	0'49	63'09	58'05	
	Hooghly	0'07	0'06						1'15	3	1'75	1'82	0'78	59'03	58'05	
	Jehanabad		0'06						0'45	3	2'05	2'08	0'64	65'00	67'74	
	Burdwan	Colna						1'38		2	1'38	1'46	0'73	67'64	47'25	
	Burdwan							0'00	0'23	1	1'13	1'20	0'70	61'35	50'60	
SOUTH-EAST BENGAL.	Bankura	Colna							0'06	1	0'06	1'20	0'77	54'50	39'51	
		Raneegunge							1'25	1	1'25	1'80	0'33	68'47	50'46	
		Mankur							1'41	0'45	2	1'80	1'80	?	65'00	?
		Bankura		0'81					0'72	2	1'56	1'74	0'48	54'25	54'04	
		Bishenpore	1'04						0'42	2	1'46	1'40	0'25	51'39	52'25	
	Bardhaman	Maluria							0'63	1	0'63	0'86	0'04	60'72	50'00	
		Khatra		0'48					0'27	2	1'40	1'40	0'03	57'50	59'15	
		Indus		0'75					0'00	3	1'40	1'62	?	53'10	?	
		Kotalpore	1'55						0'15	3	2'23	2'23	?	40'00	?	
		Anda								Nil	Nil	Nil	?	57'05	?	
	Bardhaman	Gangajalghati							0'31	1	0'31	0'80	?	50'40	?	
		Raipore								Nil	Nil	0'45	?	50'40	?	
		Sonamukhi					0'60	0'12		2	1'02	1'02	?	40'01	?	
		Bh. Soory						0'04		1	0'04	1'48	0'20	71'07	55'08	
		Hetanpore						0'05		2	0'09	1'28	0'42	69'04	55'48	
Nuddea	Rampore Haut						2'50		1	2'50	2'09	0'74	71'07	62'48		
	Boipore								Nil	Nil	0'42	?	65'04	?		
	Ranaghat							0'01	1	0'01	1'07	1'25	55'13	54'08		
	Kushnaghat							0'04	1	0'34	0'38	1'35	51'77	44'48		
	Choodanga							0'51	2	1'08	1'08	1'00	61'30	52'48		
Khoolna	Meherpore							1'00	1	1'00	1'00	1'20	61'20	51'00		
	Kooshae								Nil	Nil	0'29	1'16	73'00	57'00		
	Satkurna					0'10			0'10	2	0'23	0'23	1'12	61'78	60'30	
	Bakurhat								Nil	Nil	Nil	1'18	60'03	59'07		
	Khoolna		0'12						0'33	2	0'35	0'33	0'83	59'01	58'02	
Jessore	Narail								0'17	1	0'17	0'17	1'06	56'28	51'00	
	Jessore			0'12					0'20	2	0'32	0'82	1'31	60'64	58'37	
	Jhenidah								0'75	1	0'75	0'75	1'42	65'03	58'61	
	Mugoorah							0'00	0'03	2	1'02	1'03	1'25	60'71	53'43	
	Bongong								0'21	1	0'21	0'21	1'13	67'51	53'47	
Totaahabad	Kandi						0'02			1	0'82	1'33	0'73	58'52	58'05	
	Berhampore								0'76	1	0'76	0'87	0'70	61'10	57'00	
	Lalbagh								0'25	1	0'25	0'25	0'32	65'40	47'00	
	Azumungoo								0'45	1	0'45	0'55	0'60	60'03	51'00	
	Junkipore	0'00	0'14						0'27	3	0'46	0'60	0'71	70'04	49'00	
Chittagong	Lalgola	0'17							0'00	2	0'27	0'77	0'53	62'15	51'74	
	Akhirganj								0'40	1	0'40	0'45	?	?	?	
	Cox's Bazar									Nil	Nil	Nil	0'00	130'70	130'40	
	Chittagong									Nil	Nil	Nil	0'00	130'45	95'00	
	Antubdia									Nil	Nil	Nil	?	127'37	?	
Backergunge	Satkanya									Nil	Nil	Nil	?	118'65	?	
	Ranarnati									Nil	Nil	Nil	1'30	104'51	80'40	
	Kuma									Nil	Nil	Nil	1'74	60'70	50'00	
	Patuakhally			0'15						1	0'15	0'15	0'57	85'44	81'00	
	Patuazepore									Nil	Nil	0'77	81'40	73'40		
Bhola	Burisal			0'04						1	0'04	0'34	1'43	68'12	73'40	
	Bhola			0'05						1	0'05	0'05	1'01	91'60	84'00	

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 15th of April 1887—contd.

Dist.	Station.	RAINFALL.							TOTAL		Total rain-fall since 1st of month.	Average total rain-fall from 1st of month.	Total rain-fall since 15th May 1886.	Average rainfall from 15th May to date.
		Saturday, 9th April.	Sunday, 10th April.	Monday, 11th April.	Tuesday, 12th April.	Wednesday, 13th April.	Thursday, 14th April.	Friday, 15th April.	Number of rainy days.	of Rainfall week.				
Noakholly	Gournaddi	.....	.....	0'21	.....	.....	.....	0'03	2	0'24	0'24	?	68'78	?
	Baughal	.....	.....	0'02	.....	.....	.....	.....	1	0'02	0'02	?	87'92	?
	Noakholly	.....	.....	0'24	.....	.....	.....	.....	1	0'24	0'24	1'73	119'13	114'67
	Fenny	.....	.....	0'07	.....	.....	.....	.....	1	0'07	0'07	1'89	138'23	116'10
Farrakpore	Harishpore	.....	.....	0'55	.....	.....	.....	.....	1	0'55	0'55	?	147'41	?
	Ramganj	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	80'50	?
	Madaripore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	1'40	72'20	91'36
Dacca	Furroadpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	1'40	63'14	63'57
	Goalundo	.....	.....	.....	.....	.....	1'35	0'12	2	1'47	1'72	1'11	62'11	58'92
	Munshigunge	.....	0'03	0'04	.....	.....	.....	.....	2	0'07	0'07	2'10	100'84	77'84
	Dacca	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	1'82	72'01	61'31
Hill Tipperah	Narainkunge	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	1'85	90'00	80'02
	Manikgunge	.....	.....	.....	.....	.....	.....	0'30	1	0'30	0'30	1'37	61'90	65'00
	Joydebpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	77'40	?
	Agartola	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	1'71	73'23	69'25
	Comilla	.....	.....	0'20	.....	.....	.....	.....	1	0'20	0'20	2'27	93'51	83'09
	Chandpore	.....	.....	0'30	.....	.....	.....	.....	1	0'30	0'30	1'77	93'05	87'04
	Brakmumbaria	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	1'90	77'20	70'73
	Ramchandrapore.	.....	0'23	.....	.....	.....	.....	.....	1	0'23	0'23	?	72'31	?
	Nasirnagar	.....	.....	.....	.....	.....	.....	0'10	1	0'10	0'10	?	69'57	?
	Jaundkandi	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	72'02	?
Mymensingh	Kasba	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	73'20	?
	Laksham	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	92'54	?
	Kishoregunge	.....	.....	.....	.....	1'01	.....	.....	1	1'01	1'01	1'77	80'10	75'95
	Atia (Tangail)	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'98	59'50	53'00
	Mymensingh	0'05	.....	.....	.....	6'42	.....	.....	2	0'47	0'50	1'20	72'23	78'70
	Jamalpore	.....	.....	.....	.....	.....	0'44	.....	1	0'44	0'44	0'80	64'26	60'54
	Netrokona	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'80	84'95	73'00
	Subornakhal	.....	0'27	.....	.....	.....	0'02	.....	2	0'29	0'29	?	52'40	?
	Durgapore	.....	0'30	.....	.....	.....	.....	.....	1	0'30	0'30	?	?	?
	Dewanganj	.....	.....	.....	.....	0'15	.....	.....	1	0'15	0'15	?	65'00	?
Pubna	Pubna	.....	.....	.....	0'23	.....	.....	.....	1	0'23	0'31	1'17	60'30	59'11
	Seraingunge	.....	0'34	.....	.....	.....	.....	.....	1	0'34	0'34	1'02	62'54	59'80
	Sherpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'20	71'30	60'61
	Nowkhilla	.....	0'20	.....	.....	.....	0'02	.....	2	0'22	0'22	0'44	67'55	55'03
Hogra	Bogra	.....	0'16	.....	.....	0'03	0'03	.....	3	0'21	0'21	0'80	74'52	62'52
	Panchbibi	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'26	74'13	64'71
	Beaulah	.....	.....	.....	.....	.....	0'41	.....	1	0'41	0'41	0'61	66'17	54'68
	Natore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'67	60'80	57'08
Malda	Nowgong	.....	.....	.....	.....	.....	0'34	.....	1	0'34	0'34	?	73'71	?
	Lalpor	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	65'40	?
	Mande	.....	.....	.....	.....	.....	0'85	.....	1	0'85	0'85	?	68'80	?
	Malda	0'04	.....	.....	.....	.....	1'27	.....	2	1'30	1'58	0'44	74'73	52'20
Dinagapore	Chanchal	0'11	.....	.....	.....	.....	0'12	.....	2	0'23	0'53	0'52	51'25	40'54
	Gajal	0'03	0'10	.....	.....	.....	0'20	.....	3	0'32	0'42	?	68'04	?
	Sibganj	0'10	.....	.....	.....	.....	0'00	.....	2	0'10	1'20	?	68'10	?
	Mohadebpore	0'03	.....	.....	.....	0'47	.....	.....	3	0'50	0'50	0'05	8'05	50'40
Kungpore	Churamon	0'20	.....	.....	.....	.....	0'44	.....	3	0'64	0'68	Nil	1'18	44'42
	Kaugunge	0'16	0'20	.....	.....	.....	0'04	.....	3	0'40	0'40	0'21	1'10	44'00
	Dinagapore	.....	0'23	.....	.....	0'06	.....	.....	2	0'29	0'29	0'02	1'11	44'02
	Haleorghat	.....	.....	.....	.....	.....	0'24	.....	1	0'24	0'24	0'03	61'41	48'11
Kungpore	Bhawanigunge (Gyabanda.)	.....	.....	.....	.....	1'25	.....	.....	1	1'25	1'25	0'87	50'25	51'40
	Kungpore	.....	.....	.....	.....	.....	0'16	.....	1	0'16	0'16	0'83	74'10	70'00
	Kurigram	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	1'63	80'57	73'14
	Bagdoga	0'06	.....	.....	.....	.....	.....	.....	1	0'05	0'05	0'06	84'10	80'55
Auligore	Ulipore	0'06	.....	.....	.....	0'12	.....	.....	2	0'15	0'15	?	?	?
	Jalpigore	0'10	.....	.....	.....	0'15	0'14	.....	3	0'38	0'62	1'21	131'00	121'51
	Alipore Doar	0'06	.....	.....	.....	.....	.....	0'03	2	0'30	0'30	?	130'01	?
	Pullacotta	.....	.....	.....	.....	.....	.....	0'04	1	0'05	0'05	?	101'07	?
Cooch Behar	Debiganj	0'05	.....	.....	.....	.....	0'55	.....	2	0'60	0'60	?	?	?
	Dumhati	.....	.....	.....	.....	.....	0'05	.....	1	0'05	0'05	1'11	81'58	68'07
	Cooch Behar	0'07	0'14	.....	.....	.....	0'48	0'02	1	1'21	1'21	2'26	114'03	104'43
	Nickligunge	0'08	.....	.....	.....	.....	0'18	.....	2	0'20	0'20	0'74	110'63	107'40
Darjeeling Hill	Matabhanga	0'05	.....	.....	.....	.....	.....	1'02	2	1'07	1'07	1'15	117'40	121'14
	Busa	0'40	.....	.....	.....	0'10	0'00	0'44	4	1'54	2'40	3'46	230'03	190'47
	Siliguri	0'47	.....	.....	.....	.....	0'00	.....	2	0'47	1'50	0'44	140'58	109'03
	Darjeeling	0'70	.....	0'01	.....	0'03	2'42	0'01	5	3'17	3'94	1'00	122'34	116'33
Furness	Kalnepok	0'60	.....	.....	.....	.....	0'08	0'31	8	1'70	2'37	0'01	75'14	83'72
	Kissengunge	0'10	.....	.....	.....	.....	.....	.....	1	0'10	0'10	0'20	109'55	68'53
	Arranah	.....	0'08	.....	.....	.....	.....	.....	1	0'10	0'24	0'58	62'01	65'20
	Furness	0'29	1'12	.....	.....	.....	.....	.....	12	1'40	1'40	0'02	85'80	61'07
North Bengal-pore	Gondarsa	.....	.....	.....	.....	.....	.....	.....	?	?	?	?	?	?
	Balarampore	.....	.....	.....	.....	.....	.....	.....	?	?	?	?	?	?
	Mahara	0'40	.....	.....	.....	.....	0'09	.....	2	0'40	0'70	?	80'05	?
	Kulapang	.....	.....	.....	.....	.....	.....	.....	?	?	?	?	?	?
Durbhanga	Madadpore	0'20	.....	.....	.....	.....	0'44	.....	3	0'90	0'90	0'20	61'00	40'01
	Samool	1'08	.....	.....	.....	.....	0'54	.....	2	2'54	2'68	0'23	62'16	47'53
	Protogang	.....	.....	.....	.....	0'50	0'00	.....	2	0'50	1'42	?	74'46	?
	Tajpore	0'20	.....	.....	.....	.....	0'12	.....	2	0'32	0'32	0'16	74'01	42'17
Mousherpore	Durbhanga	0'40	.....	.....	.....	.....	0'16	.....	2	0'56	0'56	0'17	65'51	45'35
	Mahabaul	0'55	.....	.....	.....	.....	0'24	.....	2	0'79	0'79	0'23	68'71	41'56
	Bahera	1'02	.....	.....	.....	.....	0'20	.....	2	1'32	1'64	?	70'10	?
	Koshara	0'06	.....	.....	.....	.....	0'40	.....	2	0'46	0'46	?	71'70	?
Udumbar	Sitambari	0'40	.....	.....	.....	.....	0'80	.....	2	1'20	1'20	0'34	58'00	43'41
	Mousherpore	0'50	.....	.....	.....	.....	0'12	.....	3	0'62	0'42	0'21	60'02	45'07
	Harpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0'08	0'07	60'07	42'10
	Pura	.....	.....	.....	.....	.....	0'08	.....	1	0'08	0'18	?	61'40	?
Udumbar	Mahua	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	56'00	?
	Sikhar	0'45	.....	.....	.....	.....	.....	.....	1	0'45	0'45	?	60'02	?
	Purpur	0'10	.....	.....	.....	.....	0'15	.....	2	0'25	0'25	?	50'70	?
	Machari	0'18	.....	.....	.....	.....	0'42	.....	2	0'60	0'62	0'32	54'96	44'20
Udumbar	Bhatuli	0'40	.....	.....	.....	.....	0'16	.....	2	0'56	0'58	0'33	70'04	49'01
	Boyakh	0'18	.....	.....	.....	.....	0'10	.....	2	0'28	0'28	?	60'34	?
	Barnapore	0'77	.....	.....	.....	.....	0'02	.....	2	0'79	0'79	?	61'46	?

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 15th of April 1887—continued.

Met. orological Division.	District.	Station.	RAINFALL							TOTAL.		Total rain-fall since 1st of Month.	Average total rain-fall from 1st of Month.	Total rain-fall since 1st of May 1886.	Average rain-fall from 1st of May to 1st of April.
			Saturday, 9th April.	Sunday, 10th April.	Monday, 11th April.	Tuesday, 12th April.	Wednesday, 13th April.	Thursday, 14th April.	Friday, 15th April.	Number of rainy days.	Rainfall in week.				
NORTH BENGAL—continued.	Seram	Gopalgunge...	0.47	.....	.....	.....	.....	.....	.....	1	0.47	0.47	Nil	60.70	.....
		Sewan...	0.15	.....	.....	.....	.....	.....	.....	1	0.15	0.15	0.08	60.85	.....
SOUTH BENGAL	Shahabad	Chuprah...	0.45	.....	.....	.....	.....	.....	.....	1	0.45	0.45	0.14	60.85	.....
		Buair...	0.41	.....	.....	.....	.....	.....	.....	1	0.41	0.41	0.11	61.02	.....
		Dehrue...	0.25	.....	.....	.....	.....	.....	.....	1	0.25	0.25	?	62.02	.....
		Rhubocah...	0.45	.....	.....	.....	.....	.....	.....	1	0.45	0.45	0.08	63.93	.....
		Sacceram...	0.10	.....	.....	.....	.....	.....	.....	1	0.10	1.21	0.05	65.53	.....
		Arrah...	0.05	.....	.....	.....	.....	.....	.....	1	0.05	0.11	0.14	66.47	.....
		Mohania...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	68.30	.....
		Surungabad...	0.59	.....	.....	.....	.....	.....	.....	1	0.59	0.59	0.09	68.07	.....
		Gya...	0.30	.....	.....	.....	.....	.....	.....	1	0.30	0.30	0.06	67.63	.....
		Nowadah...	0.83	.....	.....	.....	.....	.....	.....	1	0.83	0.83	0.04	67.23	.....
		Jehanabad...	0.50	.....	.....	.....	.....	.....	.....	1	0.50	0.50	0.10	65.78	.....
		Arwal...	0.35	.....	.....	.....	.....	.....	.....	1	0.35	0.35	?	66.20	.....
		Bandanagar...	0.20	.....	.....	.....	.....	.....	.....	1	0.20	0.20	?	64.61	.....
		Sherphati...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	61.00	.....
		Kajauli...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.40	?	?	.....
		Pakri Barawan...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	66.40	.....
		Patna...	0.02	.....	.....	.....	.....	.....	.....	1	0.02	0.13	0.08	60.87	.....
		Dimapore...	0.49	.....	.....	.....	.....	.....	.....	1	0.49	0.20	0.14	72.66	.....
		Behar...	0.46	.....	.....	.....	.....	.....	.....	1	0.46	0.44	0.08	68.46	.....
		Harro...	0.20	.....	.....	.....	.....	.....	.....	1	0.20	0.20	0.05	62.63	.....
		Bakram...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	?	.....
		Hiso...	0.38	.....	.....	.....	.....	.....	.....	1	0.38	0.46	?	?	.....
		Monahyr...	0.04	.....	.....	.....	.....	.....	.....	1	0.04	0.62	0.07	65.66	.....
		Monahyr...	1.26	.....	.....	.....	.....	.....	.....	1	1.26	1.26	0.1	64.67	.....
		Jamui...	0.21	.....	.....	.....	.....	.....	.....	1	0.21	0.34	0.11	63.77	.....
		Gugri...	0.45	.....	.....	.....	.....	.....	.....	1	0.45	0.45	?	65.04	.....
		Sheskpura...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	65.96	.....
		Bumalpara...	0.62	0.21	.....	.....	0.14	.....	.....	1	0.97	0.97	0.08	65.96	.....
		Banua...	0.24	.....	.....	.....	.....	.....	.....	1	0.24	0.31	0.08	66.72	.....
		Kolung...	.....	0.65	.....	.....	1.30	.....	.....	2	2.15	2.15	?	65.08	.....
		Sonthal Pergunahs.	0.27	.....	.....	.....	.....	0.42	.....	1	0.42	0.42	0.42	67.66	.....
		Gudda...	0.40	.....	.....	.....	.....	2.24	.....	2	2.64	2.78	0.13	69.66	.....
		Pakour...	.....	.....	.....	.....	.....	0.31	.....	1	0.31	1.04	0.11	67.47	.....
		Sya Boudha...	.....	.....	.....	.....	.....	0.02	.....	1	0.02	0.17	0.48	73.81	.....
		Deokhar...	.....	.....	.....	.....	.....	0.03	.....	1	0.03	1.04	0.28	68.09	.....
		Jamui...	.....	.....	.....	.....	0.05	0.15	0.32	1	0.52	0.01	0.00	70.27	.....
		Sinra...	.....	0.50	.....	.....	0.10	.....	.....	Nil	Nil	0.40	?	?	.....
		Namhat...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	?	.....
CHUTIA NAG PUR.	Hazaribagh	Pachmura (Girdi)...	.....	.....	.....	0.13	.....	.....	.....	1	0.13	0.20	0.13	61.62	.....
		Hazaribagh...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.27	0.18	69.07	.....
		Semantapur...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.23	0.02	63.34	.....
		Manuul Hill...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.02	65.50	.....
		Jhoomrah Hills...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	Nil	62.90	.....
		Barhi...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.90	?	71.34	.....
		Chitra...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	69.75	.....
		Karagdeha...	.....	.....	.....	.....	.....	0.32	.....	1	0.32	0.32	?	61.93	.....
		Samghar...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	65.04	.....
		Lohardugga...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.21	?	61.49	.....
		Barhi...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.30	0.07	64.71	.....
		Paimow...	.....	.....	.....	.....	.....	0.15	.....	1	0.15	0.23	0.10	61.47	.....
		Silli...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	67.79	.....
		Balumat...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	61.06	.....
		Hossainabad...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.16	?	?	.....
		Garwan...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	66.48	.....
		Singbhoom...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.17	0.31	44.09	.....
		Chakradhar-pore...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.16	?	67.73	.....
		Chutilla...	0.00	.....	.....	.....	.....	.....	0.52	2	0.41	0.41	?	67.20	.....
		Banaragura...	.....	.....	.....	.....	.....	0.38	0.08	2	1.06	1.32	?	69.44	.....
		Manbhoom...	.....	.....	.....	.....	.....	0.47	.....	1	0.47	0.87	0.33	67.61	.....
		Gobindapore...	.....	.....	.....	.....	.....	0.40	.....	1	0.40	1.31	0.23	61.42	.....
		Kapkhunath-pore...	.....	.....	.....	.....	.....	0.18	.....	1	0.18	0.17	?	62.00	.....
		Barrabhoom...	.....	0.12	.....	.....	.....	0.36	1.15	2	1.53	1.53	?	69.44	.....
		Jhalda...	.....	.....	.....	.....	.....	.....	.....	1	1.30	1.30	?	61.20	.....
		Chas...	.....	.....	.....	.....	.....	.....	.....	1	1.30	1.30	?	61.20	.....

Explanation.—Indicates that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any are wanting, the corresponding spaces in the total rainfall columns are left blank.

CALCUTTA, the 18th April 1887.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL FOR THE WEEK ENDING FRIDAY, THE 15TH OF APRIL 1887.

The meteorology of the past week has been marked by excessive pressure, temperature considerably below the average, the prevalence of easterly winds throughout Behar and Bengal, and the occurrence of moderately heavy rain in Behar.

The disturbance which gave rain to the province during the last two or three days of the previous week continued until Saturday evening, on which day rain fell generally in Behar and North Bengal. The barometer, which had risen during the disturbance, then began to fall, at first slowly, until the 12th. During this interval some local storms occurred in different parts of the province, and gave local showers of little importance. The 12th was practically rainless. During this period the winds, instead of returning to their normal direction (west) in Behar, continued to blow steadily from the east, and the air was consequently much damper than is usual in April over the interior of the province. A rapid fall of the barometer commenced on the afternoon of the 12th, and was accompanied by a considerable increase of the southerly winds in the coast districts. This action extended to the interior on the 13th, when the easterly winds in Behar were from two to five times as strong as on the 11th and 12th, and caused slight atmospheric disturbance, which was showed by the occurrence of thunder-storms and nor'-westers on the 14th in the neighbourhood of the hills in North Bengal and Behar, and over the hill districts of the Sonthal Pergunnahs, and the neighbouring districts of South-West Bengal and Chutia Nagpur. The disturbance extended seawards on the 15th, and gave thunder-storms with moderate rain in Orissa and South-West Bengal.

The barometer commenced to rise again on the 14th and was rising slowly at the end of the week.

The prevalence of easterly winds in Behar, and the occurrence of rain in unusual amounts in Behar, reduced the temperature very considerably throughout the province, and the mean temperature was 6° below the average in Central Behar. The reduction of temperature diminished southwards and eastwards, and was least in East Bengal and Orissa, where it slightly exceeded 2°. It appears to be almost certain that the abnormal weather of the present season is chiefly, if not entirely, due to the unusually heavy snowfall during the winter in the Sikkim and Nepal Himalayas.

Pressure.—The barometer fell steadily, but slowly, over the greater part of the province until the 12th. During the next 24 hours pressure decreased briskly, and the southerly winds in the coast districts increased in force. The fall from the 9th to the 13th was least in East Bengal, where it was .07", and greatest in West Bengal and Behar, where it slightly exceeded .14". The barometer rose rather rapidly on the 14th and 15th, and at the end of the week was from .01" to .03" lower than at the beginning of the week.

Pressure was considerably above the average during the week. The mean pressure of the week was .06" in excess for Orissa, .09" over the greater part of South and Central Bengal, .04" in Chutia Nagpur, .05" in South Behar, .09" in Central Behar, and .11" in North Behar. It would hence appear that this feature of excessive pressure was most marked over and near the Himalayan area, and decreased in amount southwards.

Temperature.—The past week has been characterised by diminished temperature. Temperature was unusually low at the commencement of the week. It increased steadily until the 13th or 14th, the increase being as marked in the night as in the day temperature, and averaged 4° in Bengal and 6° in Behar. The thunder-storms of the 14th and 15th cooled the air considerably over the whole of the province, excepting East Bengal. The mean daily maximum temperature was 2° below the average in Orissa and East Bengal, 4° in Chutia Nagpur, and from 6° to 9° in Behar and South-West Bengal. The minimum night temperature was from 2½° to 4° below the corresponding normal temperature of the period. The mean temperature of the week was 1.6° in defect in East Bengal, 2.3° in Orissa, 5° in South-West Bengal and North Behar, and 6° in South Behar. Chyebassa and Cuttack were the only stations at which maximum temperatures exceeding 100° were registered during the week. Cuttack registered the highest temperature of the week, viz 104.4°. The following table gives temperature data of the week for eight representative stations in the different divisions of the province:—

Table showing the excess or defect of the actual temperature from the normal for the week ending 15th April 1887.

	Normal mean maximum temperature for the week ending 15th April 1887.	Actual mean maximum temperature for the week ending 15th April 1887.	Variation of actual from normal.	Normal mean minimum temperature for the week ending 15th April 1887.	Actual mean minimum temperature for the week ending 15th April 1887.	Variation of actual from normal.	Normal mean daily temperature for the week ending 15th April 1887.	Actual mean daily temperature for the week ending 15th April 1887.	Variation of actual from normal.
Cuttack	102.5	100.1	-2.4	77.6	75.0	-2.6	90.1	87.6	-2.5
Calcutta	90.2	88.6	-1.6	75.5	72.0	-3.5	85.9	80.8	-5.1
Baran	101.4	93.8	-7.6	75.5	71.5	-4.0	89.5	82.7	-6.8
Bacca	93.6	91.5	-2.1	74.0	72.0	-2.0	84.0	81.7	-2.3
Burnpur	98.0	90.4	-7.6	69.2	66.1	-3.1	83.6	78.4	-5.2
Bankipore	101.7	93.1	-8.6	75.5	69.5	-6.0	87.1	81.5	-5.6
Buxar	97.5	88.0	-9.5	71.8	67.0	-4.8	84.0	80.3	-3.7
Batooling	83.2	87.8	+4.6	66.7	68.6	+1.9	84.5	81.4	-3.1

Rainfall.—The rainfall of the week was above the average in all divisions except East Bengal. The largest amounts were received in Behar and South-West Bengal. It was due in the earlier part of the week to the disturbance of the previous week, which lasted until the evening of the 9th. The second burst of rainfall was due to the disturbance and series of thunder-storms which followed the rapid decline of the barometer on the 18th.

The rainfall of the 9th was confined to Orissa, North Bengal (excepting the districts bordering on East Bengal), North and South Behar, and the Midnapore districts of South-West Bengal; it was heaviest and most general in Behar. South Behar received an average of half an inch on that day. The largest amounts recorded were 1·96 inches at Sopoal (Bhagulpore district), and 1·26 inches at Monghyr.

Local showers were received on the 10th in the Hooghly, Bancoora, Pubna, and Bogra districts; on the 11th in Backergunge and Noakholly; on the 18th at a few stations in East Bengal, and near the hills in North Bengal and North Behar.

The rainfall of the 14th was much more general and extended over the Burdwan, Bancoora, Beerbhoom, Nuddea, and Moorshedabad districts of South-West Bengal, the Sonthal Pergunnahs, Manbhoom, the whole of North Behar (excluding Saran) and the greater part of North Bengal. Rampore Haut recorded the largest fall on this day, 2·59 inches. On the 15th thunder-storms occurred in Orissa, South-West Bengal (excepting Moorshedabad) and the northern districts of North Bengal. Bhuddruck in Orissa received 2·05 inches, the largest amount recorded on that day. The average district rainfall for the week slightly exceeded one inch in the Burdwan, Bancoora, and Beerbhoom districts, where nor-westerners occurred with unusual frequency during the week, and in the Darjeeling and Purneah districts. The only districts which received no rain during the week were Chittagong and Singbhoom.

South-West Bengal received an average of eight-tenths of an inch during the week, North Behar seven-tenths, South Behar five-tenths, Orissa and North Bengal four-tenths, East Bengal two-tenths, and Chutia Nagpur one-tenth.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Friday, the 15th of April 1887:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.										RAINFALL.							
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 15th May 1886.			
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.		
Orissa	104·4	88·9	90·1	78·0	83·0	-2·3	0·36	0·34	+0·12	1·0	0·6	+0·4	0·36	0·52	63·27	56·17		
South-West Bengal	98·5	84·2	91·6	72·1	81·9	-4·0	0·82	0·86	+0·47	1·5	0·6	+0·9	0·96	0·69	61·35	55·07		
East Bengal	95·1	85·0	89·6	70·0	80·3	-1·6	0·23	0·65	-0·42	0·7	1·3	-0·6	0·24	1·41	67·40	79·38		
North Bengal	98·5	83·8	90·2	67·6	78·9	-	0·41	0·32	+0·09	1·5	0·7	+0·8	0·48	0·75	60·46	71·72		
North Behar	98·0	81·1	90·7	67·4	79·1	-4·7	0·70	0·18	+0·52	1·6	0·2	+1·4	0·74	0·25	60·11	65·28		
South Behar	99·1	88·9	92·3	70·0	81·1	-5·9	0·34	0·08	+0·46	1·1	0·2	+0·9	0·73	0·18	63·45	43·54		
Chutia Nagpur	97·6	82·8	89·0	67·2	80·1	-4·2	0·16	0·10	+0·06	0·4	0·4	-0·0	0·28	0·18	61·46	51·01		

* Chyobassa not included.

METEOROLOGICAL OFFICE, BENGAL;

The 19th April 1887.

JOHN ELIOT,

Meteorological Reporter to the Govt. of Bengal.

Results of the Meteorological Observations taken at the Alipore Observatory from 10th to 16th April 1887.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 55° Fahr.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	WEATHER.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1887.		O		Inches.	O	O		O	O	Inches.	O	%			Inches.	
April	10th	148.7	11.2	29.830	82.6	93.1	21.9	71.2	74.2	0.738	70.1	68	WNW and variable	102	Nil	Partially cloudy
"	11th	147.9	8.7	29.835	83.1	91.4	15.6	75.6	76.5	0.820	73.5	74	SE and SSW	98	"	Chiefly cloudy t, p.
"	12th	151.0	11.3	29.805	84.0	93.5	19.1	74.4	77.4	0.854	74.5	75	SSE and SSW	103	"	Partially cloudy t, p.
"	13th	147.3	11.2	29.766	83.6	91.7	16.0	74.8	76.8	0.832	73.7	74	SW and SSW	209	"	Chiefly clear, p.
"	14th	149.5	8.8	29.804	80.4	90.4	20.2	70.2	73.1	0.721	69.6	70	SSW and variable	216	0.50	Chiefly cloudy, o, g, p, R
"	15th	148.5	9.6	29.827	79.8	89.2	20.7	68.5	74.2	0.776	71.6	77	SSW and variable	98	Nil	Chiefly cloudy, o.
"	16th	146.9	10.4	29.797	82.0	91.5	20.5	71.0	74.7	0.760	71.2	72	WSW and SSW	116	"	Chiefly cloudy, o, g, p.

The mean pressure of the seven days 29.809
The average pressure of the corresponding period for 24 years, S. G.'s Office ... 29.747

The total number of hours of bright sunshine 71.1
The maximum possible number of hours of sunshine 88.1

The mean temperature of the seven days 82.2
The average temperature of the corresponding period for 24 years, S. G.'s Office ... 85.0
The extreme variation of temperature 25.0
The maximum temperature 93.5

The highest velocity of the wind in one hour 18

The highest pressure of wind on one square foot 10

The mean relative humidity 73
The average relative humidity of the corresponding period for 24 years, S. G.'s Office ... 69

The total fall of rain from 10th to 16th April 1887 0.50
The average fall of the corresponding period for 24 years, S. G.'s Office 0.23
The total fall from 1st January to 16th April 1887 5.24
The average fall of the corresponding period for 24 years, S. G.'s Office 3.48

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h. 10h. 16h. and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o overcast, g gloomy, p passing temporary showers, t thunder, d dew, R thunderstorm.

HENRY F. BLANFORD,

Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, GOVT. OF INDIA;
Calcutta, the 18th April 1887.

**Results of the Thermometrical Observations taken at the Meteorological Office,
Chowringhee, from 10th to 16th April 1887.**

MONTH.	Date.	TEMPERATURE.				Mean wet bulb.	HYGROMETRY.			Rain.
		Mean.	Maximum.	Range.	Minimum.		Vapour tension.	Dew point.	Humidity.	
1887.		°	°	°	°	°	Inches.	°	%	Inches.
April	10th	82.1	95.0	24.1	71.8	73.7	.719	69.4	65	
"	11th	83.9	95.0	19.1	75.9	75.8	.784	71.9	68	
"	12th	84.2	96.0	20.2	75.8	77.0	.832	73.7	71	
"	13th	84.2	94.8	19.3	75.6	78.1	.881	75.4	75	
"	14th	80.5	93.3	22.5	70.8	74.6	.778	71.7	74	
"	15th	79.2	91.8	23.0	68.8	74.1	.776	71.6	78	0.22
"	16th	82.0	94.8	23.0	71.8	75.1	.779	71.7	71	

The mean temperature of the seven days 82.3

The extreme variation of temperature 27.2

The maximum temperature 96.0

The mean relative humidity 72

The total fall of rain from 10th to 16th April 1887 0.22

The mean temperature and humidity are obtained by applying to the mean of the 10th, 16th, and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringhee, in past years.

METEOROLOGICAL OFFICE, INDIA,

The 18th April 1887.

HENRY F. BLANFORD,

Meteorological Reporter to the Govt. of India.

MEMORANDUM.

The returns from the principal Municipalities in Bengal (excepting Bhagulpore, from which no return was received up to date), for the week ending 2nd April 1887, present the following results:—

1. That the birth rate in these Municipalities amounted to 17·8 per 1,000 of population against 18·8 per 1,000 during the preceding week ending 26th March, indicating a retrogression in the registration of births, and the death-rate to 28·7 per 1,000 against very nearly the same proportion, viz. 28·3 per 1,000.

2. That the following Municipalities furnished the highest proportions of births and deaths:—

Births.			Deaths.		
		Ratio per mille.			Ratio per mille.
Chittagong	...	35·2	Gya	...	40·9
Durbhanga	...	33·0	Suburbs of Calcutta	...	50·7
Comillah	...	30·8	Utterpara	...	47·2
Monghyr	...	29·8	Serampore	...	43·2
Gya	...	29·4	Durbhanga	...	29·1

3. That the mortality from the several death-causes was as follows, in comparison with that in the preceding week:—

				Ratio per mille during the weeks ending—	
				2nd April 1887.	26th March 1887.
Cholera	...	...	...	11·7	8·5
Small-pox	...	...	...	2	0·1
Fever	...	...	...	8·6	9·9
Bowel-complaints	...	...	...	2·0	2·8
Injury	...	...	...	5	4
Other causes	...	...	...	5·6	6·6

The above figures indicate that there was a considerable enhancement in the death-rate from cholera, with a sensible diminution in those from fever, bowel-complaints, and the maladies classed under the head of "Other causes."

4. That while bowel-complaints and injury were nowhere noticeably severe, and small-pox proved conspicuously fatal in the Gya town, viz., at 27 per 1,000 of population, and fever in the Beaulah Municipality, viz., at 26·3 per 1,000 of population, cholera and "other causes" caused the highest mortality in the following Municipalities:—

Cholera.			Other causes.		
		Ratio per mille.			Ratio per mille.
Gya	...	59·4	Serampore	...	13·7
Utterpara	...	37·7	Gya	...	13·0
Suburbs of Calcutta	...	25·2			
Serampore	...	13·7			
Durbhanga	...	11·0			
Puri	...	10·5			
Hughli	...	8·0			
Howrah	...	6·3			
Burdwan	...	6·1			
Patna	...	4·2			

5. That the death-rates in relation to Sex, Class and Age stood as follows:—

According to Sex.			According to Class.			According to Age.		
		Ratio per mille.			Ratio per mille.			Ratio per mille.
Males	...	33·5	Christians	...	44·9	Under 1 year	...	110·3
Females	...	23·3	Hindus	...	29·8	1 and under 5 years	...	31·9
Ratio of male deaths to every 100 female deaths	163		Mahomedans	...	25·9	5 " " 10 "	...	20·4
						10 " " 15 "	...	12·0
						15 " " 20 "	...	21·3
						20 " " 30 "	...	20·2
						30 " " 40 "	...	22·3
						40 " " 50 "	...	27·0
						50 " " 60 "	...	52·0
						60 years and upwards	...	60·9

B. LIDDERDALE, M.D., Deputy Surgeon-General.

The 18th April 1887.

Sanitary Commissioner for Bengal.

Statement showing the Results of the Registration of Births and Deaths in the Principal Municipalities in Bengal during the week ending 2nd April 1887.

[illegible]

DISTRICT.		NAMES OF MUNICIPALITIES.		Class.		MORTALITY ACCORDING TO—										Age.										RATIO PER 1,000 OF POPULATION PER ANNUM.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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						Christians.	Hindus.	Mahomedans.	Buddhists.	(Other classes.)	Christians.	Hindus.	Mahomedans.	Buddhists.	(Other classes.)	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and up.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and up.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Bardwan	Bardwan	9	4	4	4	4	198	208	208	208	208	1	3	3	3	3	3	3	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,
The 18th April 1887.

R. LIDDERDALE, M.D., Deputy Surgeon-General,
Sanitary Commissioner for Bengal.

PUBLIC WORKS DEPARTMENT, BENGAL.

IRRIGATION BRANCH.

IRRIGATION OPERATIONS FOR THE OFFICIAL YEAR 1886-87.
Areas leased for Irrigation up to end of February 1887.

CIRCLE.	DISTRICT.	CANAL.	Fert. rated full dis. charge.	Average discharge in month.	Discharge utilized.	Approximate area irrigated under the year up to the end of the same date as last year.		Five years, all crops.	Five years, khurree.	ANNUAL LEASES.					Grand total.	RAINFALL, 1886-87.		REMARKS.									
						Acre.	C. ft.			Kbur. reel.	Rubbee. can.	Bhadol weather.	Total.	Acre.		Inch.	Inch.		During month.	Up to end of month.							
OCHRA.	Cuttack.	Taldanda, 1st Reach.	1,542	17	.....	4,240	3,513	.....	3,976	Acre.	Acre.	Acre.	Acre.	Acre.	116	4,082	.....	62.54	.....	55.15						
		Taldanda, 2nd Reach.	866	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		Machgong	776	15	.....	17,377	15,309	.....	13,010	.....	.....	.....	.....	.....	.....	10	15,020	.....	53.25	0.10	53.51					
		Koudrapam	1,259	150	104	31,536	27,353	.....	37,112	66	.....	.....	.....	.....	2,492	39,544	.....	67.89	.....	55.91	.....					
		Pattamondie	1,012	55	40	6,904	7,277	.....	8,086	.....	.....	.....	.....	.....	1	8,087	.....	.....	.....	50.77	.....	.....			
		Gobri	372.82	39.33	23.52	691	518	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	66.31	0.10	83.60	.....				
		High Level.	675.00	.....	.....	13,011	13,603	.....	13,600	.....	.....	.....	.....	.....	.....	12	13,612	.....	.....	.....	48.35	.....	.....		
		Range I. Level.	727.16	201.71	204.74	49	307	.....	355	.....	.....	.....	.....	.....	43	369	.....	.....	.....	53.55	.....	48.35	.....			
		Range II. Level.	727.16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		Range III. Level.	727.16	5.55	9.55	6,943	6,435	.....	5,708	.....	.....	.....	.....	.....	.....	89	5,797	.....	.....	61.61	.....	51.19	.....	.....	
SOUTH-WESTERN.	Midnapore.	Total	.....	.....	.....	79,740	74,937	.....	68,578	56	.....	14	.....	2,675	80,451	.....	.....	.....	.....	.....	.....	.....	.....	.....
		of the corresponding period of last year.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		Midnapore	1,411	45	.....	61,377	51,717	.....	61,308	.....	.....	.....	.....	.....	.....	.....	61,308	.....	.....	47.95	0.00	75.37	.....	.....	.....
		Panchkora	622	3	.....	2,779	2,876	.....	6,750	.....	.....	.....	.....	.....	.....	.....	6,750	.....	.....	49.15	0.00	81.92	.....	.....	.....
		Tidal Reaches	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		Range I and II.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		Total	68,142	58,140	69,406	68,576	
		of the corresponding period of last year.	67,075	68,768	
		Shahabad	4,343	1,075	21,681	31,016	918	20,168	
		Ruar	1,296	238	61,662	40,578	4,462	55,463	
SOUTH.	Patna.	Patna	1,000	600	.....	143,374	143,374	.....	11,353	6,325	2,434	.....	.....	.....	.....	121,131	.....	.....	.....	.....	.....	.....	.....	.....	.....
		Eastern Main	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		Patna	1,408	438	.....	1,330	1,001	.....	534	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		of the corresponding period of last year.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		Shahabad	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		Ruar	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		Patna	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		of the corresponding period of last year.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
SOUTH.	Grand Total.	Grand Total	.....	.....	.....	414,425	449,047	.....	153,474	27,511	5,430	.....	.....	.....	.....	368,636	.....	.....	.....	.....	.....	.....	.....	.....	.....
		of the corresponding period of last year.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		Shahabad	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		Ruar	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		Patna	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		of the corresponding period of last year.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		Shahabad	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		Ruar	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		Patna	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

(a) Slightly less than last month, due to a more correct measurement of a large area brought under five-year lease.

(b) Five-year leases to end of January 1887.

Add annual leases transferred to five-year leases during February 1887.

Five-year leases shown in this return.

Total

Difference

Explanation.—The areas shown as reduced in the annual leases are only approximate and will not agree exactly with the areas added to five-year leases.

C. W. L. HARRISON, Lieut.-Col., R.E.

CIRCULAR AND EASTERN CANALS.

Approximate return of traffic for the week ending Saturday, the 9th April 1887, compared with the corresponding week of the previous year.

NATURE OF CARGO.	WEEK ENDING SATURDAY, THE 9TH APRIL 1887.			WEEK ENDING SATURDAY, THE 10TH APRIL 1886.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy ...	528	1,81,455	3,253	493	99,675	1,818
Jute ...	59	45,250	795	19	11,050	196
Firewood ...	202	1,13,950	1,439	182	67,105	994
Other articles ...	9-6	2,40,255	3,573	926	2,84,715	4,111
Total ...	1,715	5,80,910	9,060	1,530	4,62,545	7,149

CIRCULAR AND EASTERN CANALS.

Approximate return of traffic for the week ending Saturday, the 16th April 1887, compared with the corresponding week of the previous year.

NATURE OF CARGO.	WEEK ENDING SATURDAY, THE 16TH APRIL 1887.			WEEK ENDING SATURDAY, THE 17TH APRIL 1886.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy ...	319	1,00,490	1,703	181	55,623	1,014
Jute ...	18	7,150	122	4	3,300	68
Firewood ...	165	87,360	1,374	103	50,950	845
Other articles ...	573	1,47,777	2,277	517	1,42,985	2,171
Total ...	1,075	3,42,777	5,476	835	2,57,958	4,068

Eastern Bengal State Railway.

Abstract of principal commodities carried over the Eastern Bengal State Railway during the month of February 1887 as compared with the same month of the previous year.

STAPLES.	1887.		1886.		TOTAL.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1887.	1886.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Bete'nuts	10	130	40	125	478	165	313	
Coal and coke	2,095	1,894	4,931	1,767	4,529	5,990		1,461
Cotton, raw		77	65	114	77	179		102
Cotton, manufactured—								
1.—Twist and yarn (European)								
2.—"do. (Indian)	1,044	224	6,702	109	2,172	1,901	191	
3.—Piece-goods (European)								
4.—"do. (Indian)								
Fabrics Products—								
1.—Jute (screwed)		2,492		1,880	2,492	1,880	612	
2.—"do. (unscrewed)	4	19,401		13,228	19,405	13,258	6,147	
3.—Jute, manufactured (gunny-bags and cloth)	121	670	159	785	1,100	954	146	
Grain and Pulse—								
1.—Grain and pulse	888	2,092	414	2,713	3,980	3,180	694	
2.—Rice, husked	571	2,720	602	3,613	3,803	3,280	523	
Hides and Skins—								
1.—Hides of cattle	16	659	21	907	673	958		315
2.—Skins of sheep, goats and small animals								
Metals and manufactures of—								
1.—Brass and copper	957	145	1,282	120	1,102	1,408		306
2.—Iron								
3.—Other metals	174	8	260	25	182	284		112
Oils	192				192			
Kerosene oil								
Provisions—								
1.—Wheat	330	250	424	150	550	583		33
2.—Other kinds	1,114	851	2,287	3,460	1,005	5,747		3,742
Railway materials	2,201	0	2,141	7	2,210	2,148	62	
Salt								
Seeds—								
1.—Oilseeds—								
a.—Linsed								
b.—Mustard and rape	591	59	60	892	680	970		289
c.—Til or gingelly								
d.—Other oilseeds								
Sugar—								
1.—Refined	576	1,231	480	1,533	1,709	2,038		329
2.—Unrefined								
Ten—								
1.—Indian		172		43	172	43	129	
2.—Foreign								
Tobacco	69	635	31	632	708	663	45	
Wood—								
1.—Timber	2,087	50	1,733	49	2,137	1,782	355	
2.—Firewood								
All other articles of merchandise—								
1.—Unmanufactured	2,671	851	3,573	700	3,525	4,353		828
2.—Manufactured	570		693		570	693		117
Hay, straw, wool (C. & S. E. Section)								
Total	17,732	56,103	20,398	38,197	53,995	58,686	8,997	13,637

INCREASES.

Bete'nuts	313 tons.
For British Burmah	
Grain and pulse	694 tons.
Crops good in this district.	
Jute	6,770 tons.
Chiefly from Northern Bengal State Railway.	
Wood	355 tons.
Ordinary fluctuations.	

DECREASES.

Coal and coke	1,461 tons.
The principal traffic under this head is on account of the railway and steamer services. Despatches of coal are made as requirements arise, and fluctuations therein are not subject to market influences.	
Rice	1,461 tons.
The rice market at the port is in a depressed condition; very low rates prevailing.	
Hides	315 tons.
Decrease due to ordinary fluctuation.	
Metals	
Ordinary fluctuations.	
Railway materials	
The decrease is due to the completion of the Assam-Bihar State Railway, and of the doubling of the line between Calcutta and Nalhati.	
Oilseeds	398 tons.
Ordinary fluctuation.	
Sugar	
Low prices prevail.	

CALCUTTA, the 15th April 1887.

F. P. QUINLAN, Examiner of Accounts.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 9th April 1887, on 1,519 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	244,006	2,97,894 1 0	26,14,067 0	6,69,444 10 9	17,914 2 0	9,85,256 13 9	68,708 1/2	107,419	176,127 1/2
Or per mile of railway ...	...	193 1 10	...	449 11 5	11 12 8	648 9 11	...	...	...
For previous 13 weeks of half-year ...	3,324,743	38,00,276 0 0	3,44,35,621 0	89,33,931 0 10	2,40,384 12 9	1,30,64,125 3 7	694,307 1/2	1,453,510	2,347,817 1/2
Total for 14 weeks ...	3,568,749	41,88,174 7 0	3,70,50,288 0	90,03,278 11 7	2,58,295 14 9	1,40,49,752 1 1	903,100	1,560,959	2,524,059
COMPARISON.									
Total for corresponding week of previous year ...	246,337	3,07,848 9 1	25,59,085 0	7,03,208 5 0	22,081 4 7	10,33,088 3 5	65,610	117,333	182,943
Per mile of railway corresponding week of previous year ...	...	203 3 2	...	461 2 2	14 8 8	681 14 0	...	...	...
Total to corresponding date of previous year ...	3,361,697	40,85,235 9 8	3,91,15,626 20	91,56,992 1 0	3,67,297 5 3	1,39,70,474 15 11	902,942	1,503,746	2,559,688

Approximate Statement of gross receipts of the East Indian Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1885.

RECEIPTS FOR WEEK ENDING 10TH APRIL 1886.			RECEIPTS FOR WEEK ENDING 9TH APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 10TH APRIL 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 9TH APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	
1,512	10,33,088	682	1,519	9,85,257	649	1,515	14,00,596	908	1,519	12,87,018	848	.....	1,78,078

PATNA-GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 9th April 1887, on 57 1/2 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	11,726	6,624 13 0	78,538 30	4,289 6 0	54 4 0	10,967 7 0	1,871	1,329	3,200
Or per mile of railway ...	205	113 13 1	1,373 10	74 15 7	0 15 2	191 11 10	...	...	...
For previous 13 weeks of half-year ...	170,000	99,302 10 0	6,75,196 20	40,929 8 9	753 0 0	1,41,043 3 3	22,577	11,418	33,995
Total for 14 weeks ...	181,726	1,05,987 7 0	7,53,735 10	45,217 14 9	807 4 6	1,52,012 19 3	24,448	12,747	37,195
COMPARISON.									
Total for corresponding week of previous year ...	16,167	9,378 15 8	61,028 30	5,592 4 0	43 2 3	15,014 3 11	1,562	892	2,454
Per mile of railway corresponding week of previous year ...	282	163 15 8	1,135 10	97 12 3	0 12 1	262 7 9	...	...	...
Total to corresponding date of previous year ...	189,767	1,05,233 9 8	7,25,225 10	49,082 0 0	789 10 6	1,50,085 4 2	23,091	11,542	34,633

Approximate Statement of gross receipts of the Patna-Gya State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1885.

RECEIPTS FOR WEEK ENDING 10TH APRIL 1886.			RECEIPTS FOR WEEK ENDING 9TH APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 10TH APRIL 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 9TH APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	
57 1/2	15,014	262	57 1/2	10,967	192	57 1/2	21,985	379	57 1/2	14,969	260	.....	6,816

DILDARNAGAR-GHAZIPUR STATE RAILWAY.

Approximate Return of Traffic for week ended 9th April 1887, on 12 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	MDS. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	2,726	458 2 0	18,814 20	416 1 0	7 0 0	881 3 0	881 3 0	160	400 3 0
Or per mile of railway ...	.....	38 2 10	.....	34 10 9	0 9 4	73 6 11	.....	.....	.....
For previous 13 weeks of half-year ...	38,815	6,370 5 0	2,03,654 30	6,497 5 0	78 4 3	12,804 12 3	4,494	1,902	6,496
Total for 14 weeks ...	39,541	6,827 5 0	2,21,468 10	6,823 6 0	85 4 5	13,745 15 3	4,837 4	2,142	6,979
COMPARISON.									
Total for corresponding week of previous year ...	3,208	553 8 4	19,137 10	409 9 0	81 4 0	1,044 0 1	297	190	487
Per mile of railway corresponding week of previous year ...	.....	40 2 0	.....	34 2 1	6 12 5	87 0 6	.....	.....	.....
Total to corresponding date of previous year ...	36,207	6,191 15 10	2,09,158 30	7,003 13 0	826 13 0	13,782 9 10	2,778	4,418	7,196

Approximate Statement of gross receipts of the Dildarnagar-Ghazipur State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 10TH APRIL 1886.			RECEIPTS FOR WEEK ENDING 9TH APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 10TH APRIL 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 9TH APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Rs.	
12	Rs. 1,044	Rs. 87	12	Rs. 881	Rs. 73	12	Rs. 1,545	Rs. 129	12	Rs. 1,159	Rs. 97	.....	387

SINDIA STATE RAILWAY.

Approximate Return of Traffic for week ended 9th April 1887, on 74½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	MDS. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	5,799	4,692 13 0	93,588 20	3,640 5 0	86 6 0	8,427 2 0	740 1	1,070 4	1,810 5
Or per mile of railway ...	.....	62 11 10	.....	48 12 7	1 2 2	112 10 7	.....	.....	.....
For previous 13 weeks of half-year ...	74,852	57,242 15 0	18,36,742 20	64,928 11 0	1,245 7 9	1,29,417 1 0	9,416 4	16,807	25,513
Total for 14 weeks ...	80,651	61,935 12 0	14,52,331 0	68,578 0 0	1,330 7 9	1,31,844 3 9	10,687	16,807	27,494
COMPARISON.									
Total for corresponding week of previous year ...	4,760 4	3,694 9 4	1,50,723 10	3,489 14 0	90 4 0	7,274 11 10	645	1,530	2,175
Per mile of railway corresponding week of previous year ...	.....	49 0 8	.....	48 10 6	1 3 4	97 4 1	.....	.....	.....
Total to corresponding date of previous year ...	70,810	66,141 9 2	11,02,414 0	50,637 2 0	1,506 3 0	1,17,844 14 2	19,675	16,057	34,732

Approximate Statement of gross receipts of the Sindia State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 10TH APRIL 1886.			RECEIPTS FOR WEEK ENDING 9TH APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 10TH APRIL 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 9TH APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Rs.	
74½	Rs. 7,275	Rs. 97	74½	Rs. 8,427	Rs. 113	74½	Rs. 10,637	Rs. 141	74½	Rs. 10,009	Rs. 146	372	.....

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 9th April 1887, on 32½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	22,493	6,809 11 6	10,171 30	888 13 0	8 0 0	7,296 8 0	914	54	968
Per mile of railway ...	692	209 0 10	312 10 0	27 7 7	0 5 9	225 14 2	28	1	29
For previous 13 weeks of half-year ...	280,416	70,264 11 0	1,14,054 30	8,748 4 0	85 3 3	74,098 3 3	12,527	525	13,052
Total for 14 weeks ...	281,009	77,074 6 0	1,24,826 30	4,157 1 0	93 3 3	81,804 10 3	13,441	579	14,020
COMPARISON.									
Total for corresponding week of previous year ...	23,960	6,811 5 7	10,154 30	364 3 0	5 15 9	7,181 7 4	917	61	978
Per mile of railway corresponding week of previous year ...	742	209 2 0	312 10 0	18 5 10	0 4 4	225 12 2	28	1	29
Total to corresponding date of previous year ...	298,601	76,232 6 7	1,74,102 30	8,774 10 0	85 5 2	85,142 5 9	14,672	2,134	16,806

Approximate Statement of gross receipts of the Tarkeessur Branch Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 10TH APRIL 1886.			RECEIPTS FOR WEEK ENDING 9TH APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 10TH APRIL 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 9TH APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.
42	7,181	323	32½	7,307	324	32½	9,463	442	32½	8,651	266	.....	992

INDIAN MIDLAND RAILWAY.

Approximate Return of Traffic for week ended 9th April 1887, on 42 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	2,764	1,343 13 9	10,075 20	1,330 10 0	30 0 0	2,784 0 9	173	115	288
Per mile of railway ...	65	32 7 7	240 10 11	31 10 11	0 15 1	65 1 7	41	28	69
For previous 13 weeks of half-year ...	32,022	15,521 13 9	4,87,088 10	43,388 10 0	427 0 0	64,333 0 0	2,608	8,103	10,711
Total for 14 weeks ...	33,686	16,865 10 0	7,00,703 30	46,710 4 0	467 2 9	64,072 1 3	2,781	8,617	11,398
COMPARISON.									
Total for corresponding week of previous year ...	1,866	855 7 9	30,373 30	2,213 5 0	10 10 9	3,084 7 0	213	375	588
Per mile of railway corresponding week of previous year ...	44	20 5 11	725 10 0	52 10 9	0 6 4	73 7 0	51	91	142
Total to corresponding date of previous year ...	2,430	1,158 13 0	25,000 30	2,560 3 0	26 13 9	3,764 12 0	465	375	840

Approximate Statement of gross receipts of the Indian Midland Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 10TH APRIL 1886.			RECEIPTS FOR WEEK ENDING 9TH APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 10TH APRIL 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 9TH APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.
42	3,084	73	42	3,734	89	42	3,765	89	42	3,953	94	269	.....

EASTERN BENGAL STATE RAILWAY.

Approximate Return of Traffic for last 5 days of March 1887, on 234 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated), including steam boat.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for last 5 days ...	91,000†	30,135 0 0	(a) 4,19,914 0	(a) 35,096 0 0	10,050 0 0	75,221 0 0	8,173	(a) 11,735	19,908
Or per mile of railway ...	389	129 6 8	1,794 0	150 0 0	.....	270 0 0	.....	.....	.....
For previous 12 weeks of half-year ...	1,248,014	5,38,873 0 0	41,98,240 0	6,55,573 0 0	74,303 0 0	12,68,748 0 0*	145,521	110,611	256,132
Total for 13 weeks ...	1,339,076	5,69,008 0 0	46,18,184 0	6,90,666 0 0†	84,353 0 0	13,43,969 0 0	153,903	127,966	281,869
COMPARISON.									
Total for corresponding 7 days of previous year (audited) ...	81,781	39,276 0 0	(b) 4,06,090 0	39,401 0 0	8,809 0 0	85,486 0 0	11,914	(b) 11,422	23,336
Per mile of railway corresponding period of previous year ...	349	164 0 0	2,120 0	164 0 0	.....	329 0 0	.....	.....	.....
Total to corresponding date of previous year ...	1,278,624	5,30,374 0 0	54,06,761 0	6,32,908 0 0	74,477 0 0	12,57,719 0 0	146,816	132,931	279,747

* Audited up to week ending 12th February 1887.

† Includes 24,210 monthly tickets.

(a) Ditto 3,00,000 maunds, Rs. 7,000 and 5,962 miles for ballast trains.

(b) Ditto 199,698 ditto and 3,402 miles for ballast trains.

Decrease in receipts is due to five days' traffic on y included in this return owing to amalgamation of the two railways.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Eastern Bengal State Railway.

RECEIPTS FOR LAST 4 DAYS OF MARCH 1886.			RECEIPTS FOR LAST 5 DAYS OF MARCH 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 31ST MARCH 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 31ST MARCH 1887.			Total increase in 1886-87.	Total decrease in 1886-87.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		
234	48,845	209	234	75,221	321	234	48,66,893	19,917	234	53,54,247*	22,881	7,57,354	.....

* Audited up to week ending 12th February 1887.

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for last 5 days of March 1887, on 125 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for last 5 days ...	22,399	6,543 0 0	40,896 0	2,044 0 0	80 0 0	8,614 0 0	2,464	1,200	3,664
Or per mile of railway ...	179	52 0 0	323 0	17 0 0	.....	69 0 0	.....	.....	.....
For previous 12 weeks of half-year ...	297,045	1,11,531 0 0	3,83,654 0	25,339 0 0	641 0 0	1,37,081 0 0*	46,305	17,350	63,655
Total for 13 weeks and 5 days ...	519,444	1,18,133 0 0	4,24,039 0	27,533 0 0	571 0 0	1,46,377 0 0	64,772	18,545	83,317
COMPARISON.									
Total for corresponding 7 days of previous year ...	23,402	3,793 0 0	50,011 0	2,808 0 0	80 0 0	11,636 0 0	2,802	1,408	4,210
Per mile of railway corresponding period of previous year ...	187	70 0 0	400 0	23 0 0	.....	93 0 0	.....	.....	.....
Total to corresponding date of previous year ...	320,170	1,15,092 0 0	5,10,361 0	27,591 0 0	332 0 0	1,45,336 0 0	61,390	18,010	79,400

* Audited up to week ending 22nd January 1887.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Bengal Central Railway.

RECEIPTS FOR LAST 4 DAYS OF MARCH 1886.			RECEIPTS FOR LAST 5 DAYS OF MARCH 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 31ST MARCH 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 31ST MARCH 1887.			Total increase in 1886-87.	Total decrease in 1886-87.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		
125	6,614	53	125	8,615	69	125	5,50,301	4,391	125	5,74,411*	4,593	23,030	.....

* Audited up to week ending 22nd January 1887.

EASTERN BENGAL STATE RAILWAY.

Approximate Return of Traffic for the first 9 days of April 1887, on 645* miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated). including Steam-boat.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Traffic for first 9 days ...	169,156	(a) 20,490 0 0	573,944 0	71,940 0 0	13,600 0 0	1,78,020 0 0	24,794	19,207	44,001
per mile of railway ...	262	189 0 0	890 0	110 0 0	...	235 0 0	...	...	...
previous 13 weeks of half-year ...	1,793,093	8,33,693 0 0	6,834,166 0	10,02,688 0 0	1,67,133 0 0	90,63,513 0 0	250,326	262,593	513,221
Total for 14 weeks ...	1,962,249	9,33,173 0 0	7,408,160 0	11,37,628 0 0	1,80,733 0 0	92,41,513 0 0	275,122	282,100	557,222
COMPARISON.									
for corresponding week of previous year ...	121,067	29,550 0 0	4,75,546 0	59,840 0 0	10,731 0 0	1,30,121 0 0	17,681	20,111	37,792
per mile of railway corresponding period of previous year ...	200	96 0 0	755 0	90 0 0	...	197 0 0	...	...	...
in corresponding date of previous year ...	1,834,323	8,40,228 0 0	69,08,958 0	11,34,652 0 0	1,81,290 0 0	91,66,170 0 0	244,013	314,373	558,386

(a) Increase due to fish ...

* Increase of 39 miles as compared with the last year is due to the opening of the Assam-Bihar Railway on 1st April 1887.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Eastern Bengal State Railway.

RECEIPTS FOR WEEK ENDING 10TH APRIL 1886.			RECEIPTS FOR FIRST 9 DAYS OF APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO WEEK ENDING 10TH APRIL 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 9TH APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.		
Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	
1,30,121	315	645	1,78,020	276	606	1,67,323	300	615	1,78,020	276	...	...	2,363

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for first 9 days of April 1887, on 125 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Traffic for first 9 days of ...	20,145	10,790 0 0	56,217 0	3,361 0 0	60 0 0	14,208 0 0	4,863	1,830	6,693
per mile of railway ...	233	86 0 0	493 0	27 0 0	...	113 0 0	...	...	...
previous 13 weeks of half-year ...	319,444	1,18,123 0 0	4,31,059 0	27,563 0 0	571 0 0	1,46,277 0 0	43,772	18,565	62,337
Total for 14 weeks ...	349,592	1,28,913 0 0	4,87,256 0	30,931 0 0	631 0 0	1,60,485 0 0	53,638	20,375	74,013
COMPARISON.									
for corresponding week of previous year ...	24,216	8,367 0 0	46,567 0	2,536 0 0	60 0 0	10,963 0 0	3,838	1,830	5,106
per mile of railway corresponding period of previous year ...	194	67 0 0	373 0	20 0 0	...	87 0 0	...	...	...
in corresponding date of previous year ...	344,366	1,23,419 0 0	5,50,928 0	30,437 0 0	412 0 0	1,54,296 0 0	55,219	19,340	74,559

* Audited up to the week ending 31st January 1887.

FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Bengal Central Railway.

RECEIPTS FOR WEEK ENDING 10TH APRIL 1886.			RECEIPTS FOR FIRST 9 DAYS OF APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO WEEK ENDING 10TH APRIL 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 9TH APRIL 1887.			Total increase in 1886-87.	Total decrease in 1886-87.
Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.		
Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	
10,963	88	125	14,208	114	125	15,945	128	125	14,208	114	...	...	1,737

DACCA STATE RAILWAY.

Approximate Return of Traffic for last 5 days of March 1887, on 86 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the last 5 days ...	12,337	4,685 0 0	(a) 42,100 0	(a) 1,750 0 0	65 0 0	6,500 0 0	1,577	(a) 3,202	4,829
Or per mile of railway ...	144	55 0 0	490 0	20 0 0	.....	75 0 0	.....	.....	.....
For previous 12 weeks of half-year ...	124,570	54,187 0 0	2,20,195 0 0	21,917 0 0	1,416 0 0	77,420 0 0	27,073	11,911	38,984
Total for 13 weeks ...	166,907	58,872 0 0	2,62,295 0 0	23,667 0 0	1,481 0 0	81,920 0 0	29,650	15,073	44,723
COMPARISON.									
Total for corresponding 7 days of previous year (audited) ...	10,188	3,181 0 0	4,787 0	519 0 0	75 0 0	3,778 0 0	934	(b) 1,720	2,654
Per mile of railway corresponding period of previous year ...	118	37 0 0	55 0	6 0 0	.....	45 0 0	.....	.....	.....
Total to corresponding date of previous year ...	122,001	33,153 0 0	1,91,323 0	20,054 0 0	3,718 0 0	50,920 0 0	10,186	23,580	33,766

* Audited up to week ending 29th January 1887.

(a) Includes 40-40 minutes at Rs. 1,500, and 2,800 miles of ballast train.

(b) Includes 1, 24 miles for ballast train.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Dacca State Railway.

RECEIPTS FOR LAST 4 DAYS OF MARCH 1886.			RECEIPTS FOR LAST 5 DAYS OF MARCH 1887.			TOTAL RECEIPTS FROM 1st APRIL 1885 TO 31st MARCH 1886.			TOTAL RECEIPTS FROM 1st APRIL 1886 TO 31st MARCH 1887.			Total increase in 1886-87.	Total decrease in 1886-87.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
80	Rs. 2,160	Rs. 25	86	Rs. 6,500	Rs. 76	67	Rs. 1,30,004	Rs. 38	86	Rs. 2,81,340*	Rs. 63	Rs. 1,50,336	.....

* Audited up to week ending 29th January 1887.

KAUNIA AND DHARILA STATE RAILWAY.

Approximate Return of Traffic for last 5 days of March 1887, on 37 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for last 5 days ...	1,017	632 0 0	4,378 0	281 0 0	1,036 0 0	1,949 0 0	250	220	470
Or per mile of railway ...	44	17 0 0	118 0	8 0 0	.....	25 0 0	7	7	14
For previous 12 weeks of half-year ...	28,507	11,550 0 0	94,975 0	4,780 0 0	20,751 0 0	37,001 0 0*	3,184	3,703	6,887
Total for 13 weeks ...	30,124	12,182 0 0	99,353 0	5,061 0 0	21,787 0 0	39,030 0 0	3,447	4,022	7,469
COMPARISON.									
Total for corresponding 7 days of previous year ...	1,680	762 0 0	1,227 0	110 0 0	1,150 0 0	2,021 0 0	250	220	470
Per mile of railway corresponding week of previous year ...	44	20 0 0	33 0	3 0 0	.....	25 0 0	7	7	14
Total to corresponding date of previous year ...	29,502	12,708 0 0	30,395 0	2,645 0 0	21,814 0 0	37,005 0 0	3,446	3,426	6,872

* Audited up to week ending 12th February 1887.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Kaunia and Dharila State Railway.

RECEIPTS FOR LAST 4 DAYS OF MARCH 1886.			RECEIPTS FOR LAST 5 DAYS OF MARCH 1887.			TOTAL RECEIPTS FROM 1st APRIL 1885 TO 31st MARCH 1886.			TOTAL RECEIPTS FROM 1st APRIL 1886 TO 31st MARCH 1887.			Total increase in 1886-87.	Total decrease in 1886-87.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
37	Rs. 1,140	Rs. 31	37	Rs. 1,949	Rs. 53	37	Rs. 1,30,925	Rs. 68	37	Rs. 1,35,007*	Rs. 70	Rs. 4,142	.....

* Audited up to week ending 12th February 1887.

TIRHOOT STATE RAILWAY.

Approximate Return of Traffic for the week ending 9th April 1887, on 246 miles open.

	COACHING TRAFFIC.		MERCHANTILE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	38,210	13,492 0 0	1,55,360 0	15,121 0 0	2,334 0 0	51,497 0 0	5,250	6,180	11,430
Or per mile of railway ...	155	54 10 0	632 0	61 7 0	3 0 0	119 1 0*	...	...	...
For previous 13 weeks of half-year ...	492,207	1,94,402 0 0	21,28,091 0	2,12,832 0 0	41,461 0 0	4,48,778 0 0	73,071	74,084	1,48,255
Total for 14 weeks ...	530,417	2,07,894 0 0	22,83,451 0	2,27,973 0 0	41,398 0 0	4,80,276 0 0	78,021	80,704	158,685
COMPARISON.									
Total for corresponding week of previous year ...	26,194	12,865 10 0	1,17,385 0	12,014 7 0	3,853 8 7	20,138 10 1	4,451	4,831	9,282
Per mile of railway corresponding week of previous year ...	107	50 4 0	477 0	52 8 0	4 10 0	107 6 0*	...	...	...
Total to corresponding date of previous year ...	482,673	1,70,019 12 10	17,38,692 0	1,75,413 1 3	39,984 12 11	3,85,417 11 0	69,881	67,203	128,084

* Steam-boat earnings excluded in calculating "Total earnings per mile of Railway."

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Tirhoot State Railway.

RECEIPTS FOR WEEK ENDING 10TH APRIL 1886.			RECEIPTS FOR WEEK ENDING 9TH APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 10TH APRIL 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 9TH APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
246	29,139	118	246	31,407	128	246	55,548	226	246	57,578	275	12,030	...

NALHATI STATE RAILWAY.

Approximate Return of Traffic for the week ending 9th April 1887, on 27½ miles open.

	COACHING TRAFFIC.		MERCHANTILE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	2,093	1,039 13 7	10,015 0	677 13 0	14 14 0	1,711 8 7	500	254	753
Or per mile of railway ...	99	38 2 0	320 0	24 14 0	0 0 0	63 0 0	...	...	...
For previous 13 weeks of half-year ...	40,319	18,147 2 5	1,93,103 0	10,650 3 0	290 2 0	20,107 7 5	6,089	4,071	10,160
Total for 14 weeks ...	42,012	19,186 0 0	2,03,118 0	11,358 0 0	292 0 0	21,839 0 0	7,198	5,225	12,423
COMPARISON.									
Total for corresponding week of previous year ...	2,374	976 15 0	7,184 0	614 3 0	33 5 0	1,614 8 6	609	264	763
Per mile of railway corresponding week of previous year ...	87	35 14 0	263 0	22 3 0	1 3 0	60 4 0	...	...	...
Total to corresponding date of previous year ...	37,620	14,618 15 0	1,20,884 0	9,080 13 6	294 13 0	24,000 0 6	7,271	3,847	11,118

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Nalhati State Railway.

RECEIPTS FOR WEEK ENDING 10TH APRIL 1886.			RECEIPTS FOR WEEK ENDING 9TH APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 10TH APRIL 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 9TH APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
27½	1,615	69	27½	1,738	64	27½	2,444	126	27½	3,454	141	610	...

NORTHERN BENGAL STATE RAILWAY.

Approximate Return of Traffic for last 5 days of March 1887, on 240 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for last 5 days ...	13,140	11,370 0 0 (a)	1,30,081 0	21,000 0 0 (b)	5,800 0 0	40,160 0 0	3,580	5,833	9,413
(1) per mile of railway ...	61	48 0 0	526 0	88 0 0	...	164 0 0	14	23	37
For previous 12 weeks of half-year ...	241,880	1,82,261 0 0	17,23,043 0	3,21,462 0 0	52,711 0 0	5,80,434 0 0*	60,082	100,064	170,046
Total for 13 weeks ...	250,020	1,93,631 0 0	18,53,124 0	3,43,452 0 0	58,511 0 0	5,96,594 0 0	61,242	115,892	180,044
COMPARISON.									
Total for corresponding 7 days of previous year ...	23,302	17,357 14 11	1,32,000 0	20,704 11 0	4,013 14 11	42,166 8 10	5,012	7,904	12,916
Per mile of railway corresponding week of previous year ...	93	60 11 4	550 0	83 8 2	...	183 3 0	20	32	52
Total to corresponding date of previous year ...	272,044	2,04,442 14 8	25,84,030 0	4,19,344 7 0	70,685 7 11	6,01,844 13 7	63,872	134,325	200,197

* Audited up to week ending 12th February 1887.

(a) Decrease due to the traffic for 5 days of March only included in this Return owing to the amalgamation of the two railways.

(b) Includes Rs. 7,000, on account of ballast grain.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Northern Bengal State Railway.

RECEIPTS FOR LAST 4 DAYS OF MARCH 1886.			RECEIPTS FOR LAST 5 DAYS OF MARCH 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 31ST MARCH 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 31ST MARCH 1887.			Total increase in 1886-87.	Total decrease in 1886-87.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
240	Rs. 24,094	Rs. 97	240	Rs. 40,160	Rs. 161	240	Rs. 23,43,130	Rs. 181	240	Rs. 20,09,030*	Rs. 202	Rs. 3,64,900	.....

* Audited up to week ending 12th February 1887.



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, APRIL 27, 1887.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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REPORT OF THE CALCUTTA COURT OF SMALL CAUSES FOR THE YEAR 1886.

RESOLUTION.

JUDICIAL

Dated Calcutta, the 25th April 1887.

READ—

The Report from the Judges of the Court of Small Causes, Calcutta, for the year 1886.

Read also—

The Report for the year 1885, and the orders of Government thereon.

The Report is accompanied, as usual, by a copy of the Judges' report to the High Court, and by the two sets of tabular statements—one for the information of the Local Government, the other for the High Court. The Judges complain of the imposition on them of this double burden, urging that only one set of returns is required from the Bombay Small Cause Court, and from every other Court in Bengal but their own. The forms of the returns submitted to the Local Government were prescribed by the Government of India, and cannot be altered for Bengal alone without sacrifice of uniformity in the reports from all three Presidencies. The question whether one set of returns will not suffice for both purposes rests with the Supreme Government and the High Court, and is not within the Lieutenant-Governor's competence to decide.

2. The number of cases for disposal, the number disposed of, and the manner in which they were dealt with, are shown in the following

statement, the figures of 1886 being compared with those for the two previous years :—

	1886.	1885.	1884.
Pending from the previous year ...	3,291	2,664	1,801
Instituted during the year (including revivals) ...	29,518	31,002	31,074
	<u>32,804</u>	<u>33,666</u>	<u>32,875</u>
Decreed in favour of plaintiff after contest ...	4,418	4,003	4,076
Decreed in favour of plaintiff without contest ...	9,820	10,273	9,450
Dismissed after trial ...	1,952	1,202	1,312
Non-suited or withdrawn ...	702	743	816
Compromised ...	10,014	10,796	11,492
Dismissed for default or want of prosecution ...	3,598	3,283	2,995
Dismissed uncontested ...	50	73	70
Pending at the close of the year ...	2,850	3,291	2,664
	<u>32,804</u>	<u>33,664</u>	<u>32,875</u>

As compared with the preceding year, "Miscellaneous cases," as shown in one of the statements appended to the Report to the High Court, fell off by 29. There was a decrease of 1,428 in the institution of regular suits exclusive of revivals, and the figure for 1886 is less than that for 1881 (34,108) the last year before the introduction of the present Act, by 4,892. The falling off in the past year was chiefly in suits below Rs. 50 in value, though there was also a slight diminution in the number of suits up to the value of Rs. 100 and of Rs. 100 to Rs. 500, and again in those of above Rs. 1,000 in value, of which the latter take up most time and give the most trouble. The work however increased in other directions. There were 11,403 "Other applications" against 8,633 in 1885—a rise of 2,770; the number of applications for execution of decrees increased by 871, from 17,636 to 18,507; and applications for leave to sue under section 18 by 141—1,684 against 1,543.

3. The appointment of a Fifth Judge from the 1st November enabled the Court to dispose of a slightly increased number of contested cases and to reduce the very heavy pending file from 3,291 to 2,850. There were at the close of the year 946 cases that had been pending more than three months, against 1,076 in the previous year.

4. The total value of suits decreased from Rs. 21,41,108 to Rs. 20,68,380. The falling off in the number and value of suits did not, however, affect the operations of the Execution Department; the amount realised with issue of process increased from Rs. 2,42,265 to Rs. 2,48,179, and Rs. 2,21,08 were realised without process against Rs. 2,16,323 in the preceding year. The number of debtors imprisoned, too, rose from 453 to 481, and of debtors arrested, but released without imprisonment, from 449 to 506. The net receipts of the Court were Rs. 95,192 against Rs. 99,429 in 1885.

5. The Judges, as requested by the Lieutenant-Governor, refer in their report to the recent complaints, preferred by the Bengal Chamber of Commerce, of the inconvenience felt by the public owing to the want of sufficient accommodation, of the working of the Distraint Department, of the want of a store and sale shed, and of the delays entailed by the new procedure introduced by Act XV of 1882. A store and sale shed has since been provided; but on the other points the Judges are unable to make any definite practical suggestions. They say generally that the Court premises are already overcrowded, and that if extra accommodation is required, either in the way of additional waiting-rooms for suitors or benches, it cannot be given without building. It is not, however, distinctly stated whether, in the opinion of the Judges, the complaints of the Chamber of Commerce are well-founded or not; and in fact, both as regards the questions of want of accommodation and of the working of the Distraint Department, they are unable to understand to what these complaints, which were stated very briefly and generally, precisely refer. The Lieutenant-Governor would be glad to receive a further report on the question of the additions to the present building, both for the accommodation of the Courts and of suitors, if the Judges really consider such additions absolutely necessary.

6. As regards the working of Act XV of 1882, the Judges merely say that the matter has been dealt with in every annual report since the Act was passed; but in their report to the High Court they attribute the decrease in suits of smaller values "to the more cumbrous procedure which has been adopted since 1882, and to the fact that the smaller suits are necessarily shouldered out of the way in consequence of the greater time which is taken up in contesting suits of higher value and importance." They add, however, that the appointment of a Fifth Judge will probably secure the more prompt disposal of suits. The Lieutenant-Governor hopes that the returns for 1887 will verify this prediction. Those for 1886 show that the average duration of suits has increased to such an extent as to seriously affect the usefulness of the Small Cause Court as a Court for the speedy collection of small debts; and it is not surprising to find that the number of suits of the smallest values show a marked decrease, while of suits actually instituted, an ever-increasing number is referred to arbitration. In 1881 contested suits lasted on the average for 31.3 days; and although there are no statistics of this kind for previous years, it appears from a remark in the Government Resolution on the report for 1881—"cases now take a much longer time to try"—that in earlier years the average duration was still shorter. In 1882 the figure rose to 54.8, and in 1883 to 71.5. Since then the increase has been very rapid—114.4 in 1884, 127.1 in 1885, and 149.2 in 1886. No doubt a very considerable proportion of this increase is accounted for by the longer time taken over cases of higher values tried under the ordinary Civil Court Procedure; and, as it appears that these cases are, almost without exception, taken by the Chief Judge, it is not clear why suits for smaller values, tried by the other Judges, should last much longer than they did before. But, as the Judges admit, smaller suits are "shouldered out of the way," and frequent postponements add enormously to the time occupied in disposing of them. It would be useful if the Judges could, in future reports, in addition to stating the average duration of contested suits, show separately the average duration of suits tried by the ordinary and summary procedures respectively. It would then be possible to estimate how far Act XV of 1882 is responsible for the delays now complained of, and how far they are due to other causes. In so far as they are accounted for by the mere overclogging of files, the recent appointment of a Fifth Judge will doubtless do much to relieve the other Judges, and expedite the decision of small cases; but it appears to the Lieutenant-Governor that something more is required than an addition to the number of Judges. During the past year two Judges of the High Court, after an inspection of the Small Cause Court, observed that each Judge was occupied for two hours daily, and often still longer, with the revision of his day's list; and they recommended the adoption of a different distribution of work, by which the daily revision should be left to one Judge, the time of every other Judge being left free for the trial of contested cases. This procedure was tentatively adopted, but abandoned after a trial of three weeks, with the consent of the Chief Justice, and of one of the inspecting Judges, Mr. Justice Wilson. The Court has since reverted to the old procedure: but the Lieutenant-Governor trusts that it may be found practicable, since the Court has been strengthened by the addition of one Judge, to get through the revision of the day's list in a shorter time, and he hopes that this cause of delay will now be greatly lessened. What more is required to enable the Small Cause Court to fulfil the object with which it was created, the Lieutenant-Governor must trust to the Court itself, with the advice and assistance of the High Court, to indicate. Although constantly referring to the delay involved in the procedure imposed by the Act of 1882, the Small Cause Court Judges have never made any definite suggestions for remedying the defect. In their Report for 1882 they wrote: "We are not prepared to advocate a return to the old practice"; and they have never since recommended any amendment of the present law. It is for them to indicate the remedy for any defects which experience may since have disclosed either in the law or in the practice of the Court.

By order of the Lieutenant-Governor of Bengal,

F. B. PEACOCK,

Chief Secretary to the Govt. of Bengal.

**PROCEEDINGS OF THE MEETINGS OF THE MUHAMMADAN
EDUCATIONAL ENDOWMENTS COMMITTEE.**

The following proceedings of meetings of the Muhammadan Educational Endowments Committee are published at the request of the Committee for general information.

P. NOLAN,

Secretary to the Government of Bengal.

*Proceedings of a meeting of the Muhammadan Educational Endowments Committee,
held on the 9th March 1887.*

Present:

HON'BLE G. C. PAUL, C.I.E., *Advocate-General, President.*

HON'BLE ABDUL JUBBAR.

NAWAB BAHADOOR ABDOL LATEEF, C.I.E.

P. NOLAN, Esq.

THE minutes of the meeting of the 7th February 1887 were read and confirmed.

The following statement by the Secretary was read—

“There are now three schemes before the Muhammadan Educational Endowments Committee, and it is desirable to decide at an early date whether any of them will be adopted and worked out in detail.

The first was embodied in our preliminary report to Government, dated the 30th July 1886, and was subsequently approved at two meetings. Nawab Abdul Latif and the Hon'ble Abdul Jubbar dissenting. It provides for the appointment of a Central Committee, under the presidency of the Director of Public Instruction, with powers to administer the income of the Mohsin endowment available for education (Rs. 56,565 a year), to control the expenditure of other educational endowments, to call for annual accounts, and compel the production of deeds and evidence as to mixed endowments.

The second scheme is that of the Central National Muhammadan Association, and I understand it is now supported by three members of the Committee. It contemplates the appointment of a Central Committee under the presidency of the Advocate-General, with power to direct the expenditure of all educational funds of Muhammadan endowments, to supervise religious endowments, and to require from them annual accounts. It includes, moreover, the simplification of the procedure in endowment suits, the conferring on Civil Courts of new powers in such cases, the appointment of an officer in each district to look after suits of this character, and of a Committee, with the Collector as President, to advise mutawalis and exercise a general control, which is not to be inquisitorial.

The third proposal, which is connected with the names of Nawab Abdool Lateef and the Hon'ble Abdul Jubbar, is that Regulation XIX of 1810 should be revised, with a view to imposing on Government the duty of supervising through the Board of Revenue and District Officers, with the advice of local Muhammadans, the administration of all endowments according to the wishes of the pious founders. This is opposed by the Central National Muhammadan Association.

The two first schemes resemble each other in including the supervision of secular endowments by a Central Committee presided over by a Government official; the two latter in recommending the control of religious endowments.”

A letter was received from Mr. Ameer Ali, applying that further proceedings might be adjourned, pending the receipt of a promised communication from the Muhammadan Literary Society in reply to the proposals of the Central National Muhammadan Association.

The President observed that, while it was desirable to grant the adjournment, the preparation of the reply might be expedited. He would be glad if the Muhammadan members would come to an understanding among themselves, as otherwise Government would hardly be expected to take any decided action. Perhaps Nawab Abdool Lateef might be able to accept the proposal to supervise endowments by a Committee or Committees. If he adhered to his preference for official control, that might be vested in a special officer, more or less independent of Government. The policy of direct Government supervision had been definitely abandoned, and it was useless to advocate a return to it.

Nawab Bahadur Abdool Lateef replied that in these days it was difficult to secure an adequate supply of men duly educated in Arabic and the ceremonial

law to meet the requirements of Muhammadans. To some extent this need was met by the endowments. If their administration were confided to Committees, the more advanced Muhammadans who had received an English education would acquire a control, which they would probably use to divert the funds to supporting purely secular education. As to a special official, there would be a difficulty as to his pay, and after all he would merely represent Government as much as the authorities named in Regulation XIX of 1810. It seemed safer to trust Government than to confide in new institutions. He would not object to the appointment of educational officers as Local Agents under the Regulation.

After some further discussion the meeting adjourned.

P. NOLAN,

Secretary, Muhammadan Educational

Endowments Committee.

The 9th March 1887.

Proceedings of a meeting of the Muhammadan Educational Endowments Committee,
held on the 19th April 1887.

PRESENT:

HON'BLE G. C. PAUL, C.I.E., Advocate-General, President.

NAWAB ABDOL LATEEF BAHADUR, C.I.E.

NAWAB MEER MOHAMED ALI.

HON'BLE ABDUL JUBBAR.

MR. PHILIP NOLAN.

A LETTER from the Muhammadan Literary Society of Calcutta, dated the 14th March 1887* was read.

Nawab Meer Mohamed Ali represented that this communication had been in his hands only six days, and moved that its consideration be deferred to give the Central National Muhammadan Association time to reply; also that the reply, when received, be published with the proceedings.

The motion was agreed to.

The Hon'ble Abdul Jubbar submitted the following *fatwah* for the consideration of the meeting.

Question.—What is the verdict of the learned men of the Holy Muhammadan law on the following question:—Where a Moslem makes a *waqf* of certain lands for the *tatibulim* [*i.e.*, students or seekers after learning], is the income thereof to be devoted exclusively to students of religious knowledge, or generally to students of any knowledge, *ie.*, whether the same may also be given to students of the English language? Please answer this according to the principles of the Holy Muhammadan law. May God Almighty give you good recompense for it! He is the Helper!

Answer.—The income thereof shall be given exclusively to students of religious learning as would appear from what is mentioned in the *Fatawa Alamgiree*:—"And if one were make a *wasayat* [testamentary disposition] in favour of the learned people of such and such town, it would include persons learning *Fiqah* [Muhammadan Law] and *Hadis* [traditions of the prophet], and it would not include those who discuss (religious matters) philosophically." *Finis.* And God is all-knowing!

Written by Aboul Ahya,
Mohammed Nayim,
May he be forgiven,
By God the great and wise,

21 J. 2, [21st of Jamadil Akhra] 1304.

The answer is correct. Written by Aboul Ghena Mohammed Abdool Majid; may he be forgiven by God, who is above.

24-J-2-1304.

Seal of
Aboul Ghena
Mohammed
Abdool Majid.

The answer is correct, and God knows best what is right. Written by him who expects forgiveness from God, who is above. Aboul Hamid Mohammed Abdool Hameed, may God forgive his sins and conceal his defects.

27-J-2-1304

Seal of
Aboul Hamid
Mohammed
Abdool Hameed,
1300.

This *futwah*, he stated, explained the position he and his friends adopted towards proposals for providing English education from the funds of ancient endowments. He had no objection to English education, on the contrary, he maintained some twelve students of English in his house. He wished to see new scholarships founded to promote secular education. But the old endowments, in so far as they contained any clauses in favour of education, were designed only for religious education. There were several obligations imposed on Muhammadans as prayer, fasting, pilgrimage; and religious education was one of them. To assist in giving such education was distinctly a religious act for the good of the soul. These foundations discharged an useful function, inasmuch as in every country it was advisable to maintain men of religious learning. These funds should not be perverted to an alien use. In this he expressed not only his own sentiments, but those of the Muhammadans interested in such subjects as a body, as might be ascertained by enquiry at any Mosque.

Nawab Mir Muhomed Ali said that *futuwas* could be produced on both sides of this question, and who was to decide as to their weight? Perhaps the President would be good enough to do so. As to popular opinion, those who gained by the embezzlement of endowments were opposed to supervision, and they alarmed others by false statements as to the nature of the action proposed. The real defect was not the application of secular funds to religious uses, but their embezzlement by private persons. He understood that all Muhammadans were in favour of some authoritative supervision of the endowments, secular and religious. When the religious objects of a foundation were adequately provided for, why should not the surplus be assigned to education?

Mr. Nolan observed that the question which the *futwah* before them professed to answer was "where a moslem makes a *waqf* of certain lands for the Talibul-ilm (students), is the income thereof to be devoted exclusively to students of religious knowledge?" But the point for the decision of the Committee was more complicated than this, as there was no such thing, in fact, as an endowment "for students," without further indication of the founder's intentions. The Committee had received forty-one *touliatnamahs*, founding endowments supposed to be to some extent of an educational character. Except in the case of a few modern foundations, these always stated that the endowment was left to maintain a mosque, tomb, khanka or mausoleum; and where education was mentioned, it was as a subsidiary object, to be promoted together with the relief of travellers and so forth, in connexion with the mosque or other such institution. In nineteen cases, including those of the Mohsin and Sasseram endowments, where so much had been done to promote learning, education was not mentioned at all, and expenditure on it could be reconciled with the foundation deed only in so far as education is an adjunct to religion. The trustee might be permitted, if so minded, to spend money left for a mosque on a school attached to the mosque but he could not be compelled to do so; at the most he had a discretion. The speaker considered that it would be a difficult and invidious operation to separate the funds thus assigned for religious education from the religious endowments, of which they formed a vital part, and to devote them under the supervision of a Central Committee to a secular purpose. As to using the surplus funds of religious endowments for secular purposes, this was what had been done in the case of the Mohsin and Sasseram foundations, but it could hardly be defended as a general principle. The surplus of funds left for religion should be given to religion.

The President expressed a belief that the educational funds of an endowment could be separated from the religious more easily than Mr Nolan thought. For instance, there was the small endowment of Roman Bibi, No. 5 on their list left "to be spent in Ramzan, the two Eeds, the Fateha Dowazdaham Mohurrun and the Shab-i-barat on charity, saving the poor and hungry from the severe pains and tortures of thirst and hunger, and on the maintenance of students." Why could not the amount left for maintaining students be spent on students of English? In Syed Ali Ashruf's endowment, No. 7, the money was left for "hospitality, charity, doles, medicines, maintenance of school and mosque, and other good and virtuous acts." In No. 9 Rs. 50 a month was assigned for the support of a Madrassa. It was true that in many cases the *touliatnamahs* left the trustee a discretion to spend the money much as he pleased, and in these it would be difficult to compel him to support secular education.

The *fatwah* he considered of great importance, and he would like a reference to the authority quoted in it. Having indicated a necessary correction in the translation, he stated that he would like to see the opinion given there examined, as, if true, it seemed inconsistent with any action in the direction of applying the funds of foundations to English education.

Nawab Bahadur Abdul Latif said that the Muhammadan Literary Society had been instrumental in procuring most of the modern foundations for English education. Why, then, should its members oppose a proposal to get as much money as possible for that purpose from the old endowments, except under the influence of a conscientious belief that such a course would be inconsistent with the wishes of the founders and with Muhammadan law? The first of the endowments specified by the President was religious, inasmuch as it was to be spent at religious festivals, and as it was provided that no *impious* man should remain *mutwalli*. The education contemplated was an inseparable part of the religious bequest. The other two cases quoted by the President were those of modern foundations, and in them there was no room for reform, as the money left for education was duly spent on it.

Mr. Nolan then proposed that Government be moved to extend the term of the Committee, which expired with the month of March, to the end of July. The facts had been ascertained, and opinions on them had been formed, so that the Committee was now in a position to report. But the Government of India had desired the several Presidency Committees not to report without consultation among themselves, and it was therefore necessary to await the result of the investigation which was being made in Madras. This was the less objectionable, as the continuance of the Committee did not involve any expense whatever.

The President observed that the proposed extension was necessary, but that he saw little prospect of the Committee being able to recommend any useful action. Government was opposed to what the Muhammadans desired—the general supervision of all religious endowments, and the enquiry seemed to show that in the face of the *fatwahs* produced, of the facts disclosed, and of the strong opinion entertained by an influential section of the community, it would be undesirable to separate the educational from the religious portions of the endowments, with a view to a distinct system of regulation and control. The motion was agreed to.

P. NOLAN,

Secretary, Muhammadan Educational
Endowments Committee.

Dated Calcutta, the 14th March 1887.

From—The Members of the Committee of Management of the Muhammadan Literary Society of Calcutta

To—The Secretary to the Muhammadan Educational Endowments Committee.

WE have the honour to acknowledge the receipt of your communication No. 117, dated the 11th ultimo, with its enclosures, and at the outset to offer our thanks to your Committee for allowing our Society an opportunity of discussing a question which is of vital importance to the Muhammadan community at large.

2. From the proceedings of your Committee and the connected correspondence published from time to time in the *Calcutta Gazette*, we understand that the Government of India is desirous of ascertaining the measures, if any, necessary for the protection and preservation of endowments made by Muhammadans for educational purposes. There is no doubt that legislation on the lines of Regulation XIX of 1810, whereby the preservation of the corpus and the legitimate appropriation of the incomes of *all* endowments will be secured, is a great desideratum; but we fear that no appreciable good is likely to result from an enquiry limited to educational endowments. Not only are such endowments thinly scattered, but they cannot, consistently with the wishes of the grantors, be utilised in promoting secular education.

3. The Muhammadan Literary Society, which, ever since its establishment in 1863, has systematically laboured to impress upon the minds of their co-religionists the necessity of a liberal English education, and to remove all prejudices against it, would be the first to join in any movement intended to enable the Muhammadans to compete on equal terms with their fellow-subjects of other creeds; but we cannot help thinking that the suggestion of the Central National Muhammadan Association, to utilise for general education Muhammadan endowments which are based upon religious belief, will give rise to a discussion which had best be avoided.

4. The prejudices of the Indian Muhammadans against education in Western science and literature have materially diminished of late years, and they have come to know that there is nothing in the Muhammadan religion which stands in the way of the acquisition of such knowledge; but the majority of the Muhammadans will certainly object to the application of endowed funds in contravention of the wishes of the donors.

5. The object of the Central National Muhammadan Association has not, as they say, been misrepresented; but it may be said to have been misunderstood, if it were not their intention to divert the proceeds of endowed property to purposes alien to the real intentions of the grantors. That there are good reasons for the misunderstanding no one can deny. From a perusal of the memorial submitted to Government by the Central National Muhammadan Association, and of their memorandum recently placed before your Committee, one can hardly avoid being impressed with the belief that they intended to contribute towards the costs of secular education from endowment funds; and it is in this belief on the part of the Muhammadans that the source of the hue and cry raised against the enquiry of your Committee is traceable. If the Central National Muhammadan Association had plainly told the public that their intention was simply the protection, and not the re-distribution, of endowment funds, we are sure not a single voice would have been raised against the action of your Committee; but, on the contrary, such action would be supported almost in every quarter.

6. Now, the principal points discussed in the memorandum of the Central National Muhammadan Association may be summed up as follows:—

- (1) The study of European science and literature is not forbidden by the religion of Islam.
- (2) An endowment or *wakf* may be made by a Muhammadan for the purposes of secular education.
- (3) The word *talib-ul-ilm* is not restricted to a student of knowledge of divinity, but includes every description of students.

7. The first two points, we beg to submit, are foreign to the subject of the present discussion. In all Muhammadan countries the cultivation of arts and sciences has been patronised, and the Indian Mussulmans are

have taken to the study of English. Nor has it been averred by anybody that the Muhammadan religion stands in the way of the general education of the faithful. It is likewise out of the question whether a *wakf* can be made for giving secular instruction. In our own days, prizes and scholarships have been founded by Muhammadans for the benefit of students of Western science and literature; and we are not inclined to argue the point in a manner that would discourage such liberality in the slightest degree. Every well-to-do Muhammadan should now come forward to assist his co-religionists in acquiring a thorough knowledge of what is now-a-days essential to the improvement of their condition in life.

8. As regards the third point, we beg to differ from the Central National Muhammadan Association as to the meaning of the word *talib-ul-ilm*, as used in theological treatises and in documents relating to Muhammadan endowments. The literal meaning of the word is not a "seeker of knowledge," but it means a "seeker of *the* knowledge." The definite article "*the*" limits the significance of the common noun "*ilm*" or knowledge, that is to say, it means a seeker of *the* knowledge which every Muhammadan, male or female, is bound by religion to acquire. Hence, in the Muhammadan world, the word is understood to mean a student of divinity.

9. The quotations from the *Koran* and the *Hadis*, adduced by the Central National Muhammadan Association in support of the assertion contained in paragraph 4 of their memorandum, have nothing to do with the real matter under discussion, as would appear from the detailed examination of the sacred texts, which is separately embodied in Appendix A.

10. It is undisputed that the word *ilm** literally means knowledge; but the question is what the doctors of the Muhammadan law have understood by it in the compound word *talib-ul-ilm*. What it really means is fully explained in the *fatwas* given by some of the most learned scholars of the day (all of whom have recently been honoured by His Excellency the Viceroy with the title of *Shams-ul-Ulama*), translations of which are appended and marked B, C, D, and E, and in the memorandum, marked F, drawn up by a member of our Society, and we fully concur in the views therein expressed. It will be noted that three of the appendices (C, D, and E) contain the opinions of leading *Mujtahids* of the Shiah sect.

11. With regard to the proposal for the formation of Central and Branch Committees with a view to exercise control and supervision over the *wakf* estates, we concur with the opinion expressed by two members of your Committee, that such Committees are not calculated to command the confidence of the generality of the Muhammadans, and that the functions which are intended to be entrusted to them would be better performed by European officials, with the aid of Muhammadan gentlemen commanding local influence.

12. Moreover, it is to be feared that an unpaid agency could hardly be expected to perform the work uniformly well. With the lapse of time, as the enthusiasm inspired by the novelty of the measure begins to flag, the interest taken in the matter might be slackened, the members might grow indifferent and less attentive, and in such cases the supervision would be anything but perfect or satisfactory.

We have, &c.,

(Sd.) MAHOMED RUHEEMOODDEEN.	(Sd.) BUZLOOL HUCK.
President.	A. F. M. ABDUR RAHMAN.
" JAHAN KADAR MEERZA,	" MIRZA MAHOMED JAH ALL.
" MAHOMED NUSSEEROODDEEN } Vice-	" MAHOMED NURUL ALAM.
HYDER, } Presi-	" MAHOMED ZAHURUL HAQ.
" ABDUL JUBBAR.	" KALIMUR RAHMAN.
" MAHOMED BUKHTYAR SHAH.	" ALI BUKHSH.
" " ABDUDDU ROWOOF.	" AHMAD.
" ABDUL HAL.	" LATAPUT HOSSAIN.
" AGA SYED SADIQ.	" ABDUL LUTEEF,
" MIRZA MAHOMED BAKUR SHIRAZEE.	Secretary.

* *Ilm*—*Lat.*—"To know; knowledge."

In Muslim Theology the word *ilm* is always used for religious knowledge. Abdul Haqq says it is the knowledge of religion as expressed in "the Book" (Quran) and the "Sunnah" (Traditions), and is of two kinds, '*Ilm-ul-Habadi*,' elementary knowledge, or that relating to the words and sentences of the Quran and Hadis; and '*Ilm-ul-Maqani*,' perfected knowledge or that relating to faith and works, as taught in the Quran and Hadis. *Hughes' Dictionary of Islam* (1885), page 200.

APPENDIX A.

In the fourth paragraph of their memorandum, the Central National Muhammadan Association adduce some quotations from the *Koran* and *Hadis* in support of the view that the word *talib-ul-ilm* means a "seeker of knowledge in all its branches." But an examination of the verses and traditions quoted would show that there is no indication in them of the sense in which they have interpreted the word *talib-ul-ilm*. The first verse *علم آدم الأسماء كلها* 'Allama adama al-asma-a-kullaha means, "He taught Adam the names of all things." Of the four words composing the verse, not one means "knowledge in all its branches." Of course the word *talim*, from which *allama* in the above verse is derived, means to teach, and the word *ilm*, from which *talim* is derived, means "to know" or "knowledge." But these do not prove that the compound *talib-ul-ilm* means seeker of knowledge in all its branches, or of all to which the words *ilm* and *talim* can be applied. *Talib-ul-ilm* means seeker of the knowledge, and the particular knowledge which is meant by it will vary according to circumstances. In a book of philosophy it will denote one engaged in the study of philosophy; in a religious book or endowment deed it will mean "seeker of religious knowledge;" and so on.

The second verse runs thus:—

واذ علمتك الكتاب والحكمة *wa id allamtuka al-kitaba wa al-hikmata*. It means, "and when I taught thee the book and the knowledge of religion." That in this verse the word *al-kitab* means scripture and not *Koran*, as shown in the Central National Muhammadan Association's memorandum, and that the word *al-hikmat* means knowledge of religion and not science, will be seen by a reference to the exegesis of the *Koran*, such as *Mu'atim-ul-tanzil*, *Madarik*, &c. Even if the word *al-hikmat* be translated as science, it would mean, in the verse in question, the science of religion, and not science in general. If the Central National Muhammadan Association contend that the word *al-hikmat* here means "science in general," they must adduce proof that there was any incident in the life of Jesus Christ, to whom the above verse was addressed, which showed that he was taught by God any science except the science of religion. It will rather be found in the New Testament that science and philosophy have been pronounced to be "unprofitable and vain."

The third verse *يوتي الحكمة من يشاء* *yuti-al-hikmata-man yashao* means, "He giveth the knowledge (of religion) whomsoever He pleaseth." (Here it may be observed that the Central National Muhammadan Association have translated the word *al-hikmat* to mean knowledge, whereas in the second quotation the same word is rendered to be science.) The word *al-hikmat* in this verse also does not mean "knowledge in all its branches," but some particular knowledge, which, from the commentaries of the *Koran*, would appear to be the knowledge of religion.

Now the tradition of the prophet *فریضة العلم* means "seeking of the knowledge (of religion) is obligatory," and not "seeking of knowledge in all its branches is obligatory." With regard to this tradition, it is plainly stated in *Kashf-uz-zunún* that the commentators of *Koran* and narrators of traditions explain the word *al-ilm* in the said *Hadis* to be the knowledge of *Koran* and traditions of the prophet; that the Doctors of Muhammadan law declare it to be the knowledge of what is lawful and what is unlawful according to religion; and that the students of scholastic theology aver that it is that knowledge by means of which the unity of Godhead is comprehended.

The second and fourth traditions quoted by the Central National Muhammadan Association are spurious traditions, which, according to his religion, no Muhammadan ought to quote without mentioning the fact of their being spurious. Such traditions cannot be accepted as authority.

The third tradition quoted by the Central National Muhammadan Association is *علموا اولادكم الرمي* which means "instruct your children in archery." This only denotes that the word *ilm* can be used in connection with archery. There is, however, no contention as to the literal significance or application of the word *ilm*. Here the question is, whether the compound *talib-ul-ilm*, used in deeds of endowment, does mean other than a student of Divinity?

The passages quoted from *kashf-uz-zunún*, in the fifth paragraph of the Central National Muhammadan Association's memorandum, are not exactly as they stand in the book itself. They have been partially altered without regard to grammatical correctness, and do not convey the original ideas of the author. The first passage given correctly would be—

المنظر الاول في العلوم الاسلامية واعلم ان العلوم المتداولة في الامصار علي منفيين صنف بلجي
للانسان يهندي اليه بفكره وهي العلوم الحكيمية وصنف نقلي ياخذ من وضعه وهي العلوم النقلية

"Chapter I. Regarding Islamic knowledge.—And know that the subjects of learning in vogue in the land are of two kinds (mark the difference!)—one intellectual, which a man can acquire by means of mental faculties, and this is philosophical knowledge; and the other traditional, which a man receives from their authors, and these are called traditional learnings." Below this very passage, after mentioning some other things, the author of *Kashf-uz-zunún* says:—

وهذه العلوم النقلية كلها مختصة بالملة الاسلامية

"and these traditional learnings, all of them, belong exclusively to the followers of Islam."

The second passage from *Kashf-us-sunūn* also does not appear in its perfect form in the Central National Muhammadan Association's memorandum. But all that can be gathered from it is that the word *ulum* (plural of *ilm*) can be used in denoting sciences, and that a student ought not to despise the study of sciences. In regard to the first point, it has been already noted above that the word *ilm* by itself means knowledge, and when *al* is prefixed to it, it means *the* knowledge: hence *talib-ul-ilm* means "seeker of *the* knowledge," and the particular knowledge meant by it, when used in theological works and endowment deeds, is, as already explained, the knowledge of religion. Now, as to whether it is proper to study philosophical works, and if so, under what circumstances, it is strange that the warning conveyed in the note just below the second passage quoted from *Kashf-us-sunūn* by the Central National Muhammadan Association should have escaped the notice of the members of that body. It runs thus—

اعلم ان النظر والمطالعة في علوم الفلسفة يحل بشرطين احدهما ان لا يكون خالي الذهن من العقائد الإسلامية بل يكون قويا في دينه راسخا على الشريعة الشريفة والثاني ان لا يتجاوز مسائلهم المطالعة للشريعة وان تجاوز فانما يطالعها للرد لا غير.

"Know that the study of philosophical sciences and application to them may be lawful if two conditions be observed—

"First, that the student be not ignorant of the articles of Islamic faith; he should rather be well versed in religion and a steadfast follower of the noble *Shariat* (Muhammadan law).

"Secondly, that he should not go beyond the proper bounds in studying the questions repugnant to Muhammadan religion; but if he does exceed the due limit, he should study them simply with the intention of proving their fallacies, and for no other purpose."

ABDOOL LUTEEF,
Secretary.

14th March 1887.

APPENDIX B.

Translation of a Fatwa given by Shamsul-Ulama Maulavi Muhammad Saeed of Patna.

Question.—What do the learned Muhammadans say in explanation of the word *ilm* (knowledge) in the following Hadis:—

طلب العلم فريضة على كل مسلم ومسلمة

"It is binding upon every Mussalman, male and female, to seek the knowledge?" Which knowledge is meant by *ilm* referred to here? Does it include all the branches of learning, or only one kind of it? If the latter, what particular kind of knowledge is meant by it?

Answer.—In his work called *Musnad*, Imam Abu Hanifah has related the Hadis in full as noted in the question; but in *Mishkat*, it is related with the omission of the words *مسلمة*. The meaning of *ilm* in this tradition, as stated by Shaikh Abdul Hack of Delhi, is that knowledge which Muhammadans are bound to learn agreeably to their conditions in life; as for instance, when a man embraced Islam, it became obligatory upon him to know the Creator and His attributes, to know the prophet, and to know other things, without a knowledge of which faith is not perfect. Again, when the time for prayer arrived, it became incumbent upon him to learn the rules of prayer. When the month of Ramazan came, it became obligatory upon him to learn the rules of fasting. When a man became possessed of property enough to necessitate the payment of *sakat* (a kind of religious tax), it became obligatory upon him to learn the rules regarding it; but if he died before the due time, and did not learn them, he will not be a sinner. When a man married, he became bound to learn the necessary obligations of a conjugal life, and so on. Further, Abdur Raut Munawi Shafei, in *Taisir*, the commentary on *Jami Saghir*, says: "By *ilm*, in the above Hadis, is meant that knowledge which one should not neglect, such as the knowledge of the Creator, the prophethood of the prophets, particulars of prayers, &c., the knowing of which is obligatory."

The reason why a knowledge of religion is specially understood in the above is because the words *مسلمة* و *مسلم* (all Mussalmans, males and females) indicate that knowledge, which is strictly obligatory, and the knowledge which is strictly obligatory is the knowledge of religion.

ABDOOL LUTEEF,
Secretary.

APPENDIX C.

Translation of a Fatwa given by Shamsul-Ulama Mufti Syud Muhammad Abbas of Lucknow (now of Garden Beach).

Question.—What do the learned Muhammadans say in explanation of the word *ilm* (knowledge) in the following Hadis:—

طلب العلم فريضة على كل مسلم ومسلمة

"It is binding upon every Mussalman, male and female, to seek the knowledge?" Which knowledge is meant by *ilm* referred to here? Does it include all the branches of learning, or only one kind of it? If the latter, what particular kind of knowledge is meant by it?

Answer.—The word *ilm* in the above tradition means knowledge of religion and its preliminaries, which are calculated to bring about salvation in the next world.

ABDOOL LUTEEF,
Secretary.

APPENDIX D.

Translation of a Fatwa given by Shamsul-Ulama Maulavi Syud Abul Hasan of Lucknow.

Question.—What do the learned Muhammadans say in explanation of the word *ilm* (knowledge) in the following Hadis:—

طلب العلم فريضة على كل مسلم ومسلمة

"It is binding upon every Mussalman, male and female, to seek the knowledge?" Which knowledge is meant by *ilm* referred to here? Does it include all the branches of learning, or only one kind of it? If the latter, what particular kind of knowledge is meant by it?

Answer.—By knowledge is meant the knowledge of the five religious obligations, and the knowing of what is lawful and what is unlawful according to religion.

ABDOOL LUTHERY.

Secretary.

APPENDIX E.

Translation of a Fatwa given by Shamsul-Ulama Maulavi Syud Muhammad Ibrahim of Lucknow.

Question.—What do the learned Muhammadans say in explanation of the word *ilm* (knowledge) in the following Hadis:—

طلب العلم فريضة على كل مسلم ومسلمة

"It is binding upon every Mussalman, male and female, to seek the knowledge?" Which knowledge is meant by *ilm* referred to here? Does it include all the branches of learning, or only one kind of it? If the latter, what particular kind of knowledge is meant by it?

Answer.—By knowledge in the above tradition is meant the knowledge of religion.

ABDOOL LUTHERY,

Secretary.

APPENDIX F.

FROM a perusal of the papers published in the Supplement to the *Calcutta Gazette* of the 16th February 1887, it would appear that the lamentable mismanagement of *wakf* estates, as disclosed by the recent enquiries of the Endowment Committee, and the utter insecurity of such properties in the hands of indiscreet trustees, whose extravagances, in the absence of any check against malversation, have on various occasions been the cause of their being sold off as heritable properties in execution of decrees, call loudly for some supervision on the part of the Government to prevent misappropriation, and to ensure that the funds are applied to the particular purpose or purposes for which they were granted by the donors. But whether this supervision should be exercised through a Central Committee or the District Officers, it is a question for the Government to decide. All that one can wish in this matter, as a member of the Muhammadan community, is that the agency to be employed for carrying on the control may not be very expensive or untrustworthy.

It appears, however, that a great difference of opinion exists among Muhammadans as to how the funds should be applied when the *wakf* has been granted for educational purposes. The Central National Muhammadan Association, while avowing that they do not mean to devote the endowments to other purposes than those for which they were originally granted, urge that, having regard to the exigencies of the present situation, the income of endowments for education should be utilised in instructing the Muhammadans the language of their rulers, so that they might be enabled to compete on equal terms with the Hindus and other subjects of Her Majesty; and in support of the view that the adoption of such a procedure would be right and proper, they adduce (1) the opinion of Maulavi Naim of Lucknow, to the effect that "*talbas* are those who acquire secular knowledge," and that "it is proper to learn the science of the ruling monarch, if such knowledge does not militate against one's religion;" (2) the significance of the word *talib-ul-ilm*, which they assert to be a generic term, meaning "seeker of knowledge;" and (3) the practice followed in other Muhammadan countries with regard to teaching of knowledge and sciences in general in mosques and madrasas founded by sovereigns, chiefs, and well-to-do people.

On the other hand the Hon'ble Maulavi Abdul Jubbar argues that all endowments in which provision has been made for the maintenance of *talib-ul-ilm* should, according to the wishes of the grantor, be solely devoted to the use of students of divinity, and not to the benefit of seekers of secular knowledge, inasmuch as the word *talib-ul-ilm* in *wakfnama* is intended to signify one engaged in pursuit of religious knowledge.

The point therefore to be settled now is, which view as to the proper disposal of endowment funds is correct, and can be safely adopted. There is no doubt that the present backward state of Muhammadans in respect of education stands in urgent need of amelioration; but will it be proper for the attainment of this much-desired object to have recourse to

the measure advocated by the Central National Muhammadan Association? The grounds on which the recommendation of the Association is based do not seem to hold good—

1st.—The statement ascribed to Maulavi Naim, that "*talbas* are those who acquire secular knowledge," is, on the face of it, incorrect, and seems to be a garbled version of what the Maulavi is supposed to have said. The word *talaba* (not *talba*) means only seekers, and as such it can be as well applied to seekers of secular knowledge as to seekers of religious knowledge. The second quotation from the Maulavi's statement is not also of much help. He says: "It is proper to learn the science of the ruling monarch, if such knowledge does not militate against one's religion." This is all very true; but it does not mean that endowment funds should be utilised in teaching "the science of the ruling monarch."

2nd.—The word *talib-ul-ilm* is stated to mean "seeker of knowledge," but any one acquainted with Arabic knows that it means seeker of *the* knowledge, and not knowledge in general. The quotations from the *Koran* do not at all prove that the word *al-ilm* means knowledge in general. *Al* in Arabic, like *the* in English, is generally prefixed to nouns to define what is indefinite. Now, what particular knowledge is meant by "*al-ilm*" in the compounds "*talab-ul-ilm*" and "*talib-ul-ilm*" as used in Muhammadan law books and religious works can be ascertained from the exegesis of the *Koran* and the traditions of the prophet. A reference to these will show, that the word "*al-ilm*" in such compounds means

علم الدين "*ilm-ul-deen*" the knowledge of religion, or the knowledge which the prophet himself inculcated to his disciples. That this is the correct meaning of the word "*al-ilm*" will also be apparent by a little reflection on the meaning of the *Hadis* quoted by the Association itself طلب العلم فريضة على كل مسلم (وصلة) which in its complete form is

or seeking of *the* knowledge, *i.e.*, the knowledge of the principles of Muhammadan religion and articles of faith, is obligatory on every Muhammadan male (and female). If the significance of the word "*al-ilm*" in the abovesaid *Hadis* be not restricted to a particular kind of knowledge, *i.e.*, knowledge of religion, which the prophet taught his followers, can it be supposed for a moment, that the prophet, who is admitted even by his opponents to have been a great genius of his age, directed to his followers that seeking of knowledge in general, including sciences, was obligatory on every true believer; while evidently it is beyond the capacity of ordinary men to acquire such universal knowledge. The two quotations from *Kashf-uz-zunin* also do not prove that it is desirable or proper to deplete the expenses of teaching sciences in general from out of endowment funds.

3rd.—The practice followed in other countries as to funding of madrasahs, &c., for imparting education to Muhammadans in other than religious subjects from out of endowment funds should be substantiated by more trustworthy proofs than bare assertions of historians, whose information is not unfrequently derived from unreliable sources, and very few of whom have the means or the capacity of sifting the truth. Even if it were proved that such institutions were actually established out of endowment funds, it would remain to be shown that in these instances the endowments were not misappropriated; for, with regard to *waqf* among Sunnis, it is distinctly stated that it should be for a religious purpose, whereas the learning of languages of fire-worshippers, Manichæans, Monguls, and Hindus, except under special circumstances, can hardly be called a religious act.

Further, it will be seen from the following passage quoted from *Kitab-ul-wasaya of Alamgiri*, that the word "*al-ilm*" means only religious knowledge:—

وإذا ارصى لأهل العلم ببلدة كذا فانه يدخل فيه أهل الفقه وأهل الحديث ولا يدخل من يتكلم بالحكمة

"And when a man bequeaths (something) for *ahl-ul-ilm* in a certain country, the word *ahl-ul-ilm* will include men conversant with Muhammadan law and traditions of the prophet, and not those who discuss religious matters philosophically."

Under these circumstances, it would appear that, as pointed out by the Hon'ble Maulavi Abdul Jubbar, the word "*talab-ul-ilm*" should be taken in its restricted sense of seeking the religious knowledge, and that the income of endowments set apart for *talib-ul-ilm*s should, unless expressly assigned by the donor to the teaching of secular learning, be exclusively applied to the use of students of religious knowledge.

Moreover, it is to be borne in mind that as the Government does not undertake to provide for the religious training of the Muhammadans from out of general revenues of the country, and as there is no special priest class among Muhammadans as there exists among Christians and Hindus, it is very desirable—rather necessary—that, for the purpose of having always among Muhammadan communities some men well versed in religion, the inducements already existing for the acquirement of religious learning should not be done away with by encouraging at its expense the diffusion of secular knowledge, for the attainment of which other means are not wanting, if the Muhammadans would throw off their lethargy and avail themselves of those means. Steps should rather be taken to see that religious instruction is properly given in the madrasahs, &c., supported by endowment funds.

ATAUR RUHMAN.

A Member of the Mahomedan Literary Society of Calcutta.

The 5th March 1887.

APPOINTMENT OF MINISTERIAL OFFICERS IN THE PATNA DIVISION.

No. 148G, dated Bankipore, the 31st March 1887.

From—JOHN BOXWELL, Esq., Officiating Commissioner of the Patna Division,
To—The Chief Secretary to the Government of Bengal.

With reference to Government order No. 5646A, dated 28th December 1880, I have the honour to submit herewith a statement showing the number of vacancies, both acting and permanent, that occurred during the past year in the several offices in this Division.

2. The total number of vacancies which occurred during the last year in the several offices and departments in this division was 639. These vacancies were thus distributed—

In the Revenue and Magistrates' Offices	...	...	186
In Municipal Offices	...	...	20
In the Road Fund Department	...	...	24
In the Registration Department	...	...	29
In the Police Department	...	...	430
Total			639

The above appointments were filled up in the several offices and departments as follows:—

	By Beharis.	By Bengalis.	By others.
In the Revenue and Magistrates' Offices	119	17	...
In Municipal Offices	19	1	...
In the Road Fund Department	16	7	1
In the Registration Department	29	...	...
In the Police Department	421	8	1
Total			604

It will thus be seen that 94.5 per cent. of the vacancies were filled up by the natives of Behar, while 5.1 per cent. of the appointments were given to Bengalis, including one domiciled in Behar.

Statement showing the number of vacancies, both acting and permanent, that occurred in the districts of the Patna Division during the year 1886.

DISTRICT.	Name of Office or Department.	Number of vacancies.	HOW FILLED UP.		Remarks explaining why preference was given to Bengalis.
			By Beharis.	By Bengalis.	
Patna	Commissioner's Office	9	4	5 (a)	(a) Two of these were already in the service, the remaining three were apprentices attached to this office, who were appointed as a temporary arrangement.
	Collector's Office	8	5	3 (b)	(b) These were the cases of three Income tax clerks.
	Magistrate's Office	8	8	...	
	Municipal Office	5	5	...	
	Registration Department	6	6	...	
	Police Department	89	89	...	
Gya	Road Fund Department	15	15	...	
	Collector's Office	14	14	1 (c)	(c) Mere change of places, the second clerk of the Collectorate being exchanged with a sub-divisional head clerk and sheriadar.
	Magistrate's Office	1	1	...	
	Police Department	40	40	...	
Shahabad	Road Fund Department	1 (d)	...	...	(d) Eurasian.
	Collector's Office	7	7	...	
	Municipal Office	2	2	...	
	Registration Department	9	9	...	
Mouafferpore	Police Department	1	1	...	
	Collector's Office	55	55	...	
	Municipal Office	1	1	...	
	Registration Department	4	4	...	
Darbhanga	Police Department	23	23	...	
	Road Fund Department	6	...	...	(e) Competent Beharis were not available for the posts of overseer and sub-overseer.
	Collector's Office	10	9	1 (f)	(f) Was promoted to the post of Brieux daryah, having served as an Excise head clerk in the district for a long time.
	Magistrate's Office	5	5	...	
	Municipal Office	3	3	...	
	Registration Department	1	1	...	
	Police Department	64	61	3 (g)	(g) Two vacancies occurred in the office establishment, and of the candidates for the appointment the two Bengalis stood first; one vacancy was in the Executive Force, and the man was appointed on the special recommendation of the Magistrate.
	Road Fund Department	6	1	5 (h)	(h) No passed Behari student of Civil Engineering College applied for the overseerships.

DISTRICT.	Name of Office or Department.	Number of vacancies.	How FILLED UP.		Remarks explaining why preference was given to Bengalis.
			By Behars.	By Bengalis.	
Sarun	Collector's Office	4	3	1(i)	(i) Promotion.
	Magistrate's Office	2	.....	2(j)	(j) One was transferred from the Education and one from the Police Department, both were the best of the candidates among the applicants.
	Municipal Office	7	6	1(k)	(k) A Bengali was appointed head clerk of the Chupra Municipality, being an experienced and fitted servant of Government and quite fit for the post.
	Registration Department	3	3	.....
	Police Department	182	179	2(l)	(l) Of these one was filled up by promotion of a Bengali and another by appointment of a Bengali; one post was filled up by the transfer of an Armenian from Bhagulpore.
Chumpran	Collector's Office	5	4	1(m)	(m) A domiciled Behar.
	Magistrate's Office	7	4	3(n)	(n) These were cases of promotion, the men promoted being already in the service.
	Municipal Office	3	3	.....
	Registration Department	6	6	.....
	Police Department	23	20	3(o)	(o) The posts of head clerk and second clerk of the District Superintendent's Office were given to Bengalis, as no competent Beharis could be found. Another vacancy was filled up by the transfer of a Bengali from Jessore.

PATNA COMMISSIONER'S OFFICE;
BANKIPORE,
The 31st March 1887.

J. BOXWELL,

Officiating Commissioner.

THE EMBANKMENT REPORTS FOR 1885-86.

No. 6831.

GOVERNMENT OF BENGAL—PUBLIC WORKS DEPARTMENT.

IRRIGATION.

Dated Calcutta, the 25th April 1887.

RESOLUTION.

READ—

THE EMBANKMENT REPORTS FOR 1885-86.

The grant for the main chance of embankments for the year was—

				Rs.
Government embankments	...	...	...	7,40,000
Tuccavee ditto	...	...	...	1,52,900
Total				8,92,900

The expenditure was as follows:—

				Rs.
Government embankments	...	...	...	5,42,744
Tuccavee ditto	...	...	...	95,598
Total				6,38,342

The accompanying table shows the lengths of embankments in each civil division and district maintained either directly by Government or at the cost of zemindars. The embankments in the D schedule are maintained at Government cost. Those classed as tuccavee are maintained at the cost of zemindars, either under contract for a fixed term of years or under annual estimates for repairs, the cost in both cases being recoverable, but in the former only are the charges provided for in the budget grant. The expenditure on the latter is shown in the marginal notes of the table. The reports show that in the several districts embankments were maintained in good order, and damage from high floods occurred only in Moorshedabad and Midnapore. Breaches, however, in these two districts were so extensive that they have formed the subject of separate reports, and need only be briefly alluded to here. In the Moorshedabad district, the Bhagirutti left embankment breached at Laltikuri, causing the extensive floods which swept the country and damaged the Eastern Bengal State and Central Bengal Railways. The calculated discharge of this breach was 50,000 cubic feet per second. It is proposed to construct a retired line here, as many points are threatened by erosion; but in the meantime a small retired line has been made.

In the Midnapore district, both D schedule and tuccavee embankments suffered severely from a simultaneous rise of the Cossye and Selye rivers. Distress was occasioned, which called for relief measures, and considerable damage to crops occurred. The country is, however, so extensively embanked that in high floods breaches invariably occur, and the application of any remedy would be a matter of great difficulty.

The average mileage rate for maintenance is below that for last year, being Rs. 180 for D schedule and Rs. 166 for tuccavee embankments against respectively Rs. 186 and Rs. 190 for last year.

By order of the Lieutenant-Governor of Bengal,

C. W. I. HARRISON, *Lieut.-Col., R.E.,**Offg. Secretary to the Govt. of Bengal,**P. W. Dept.*

List of Embankments in Bengal, the property of Government and in charge of Government officers, showing the length and cost of maintenance during the year 1885-86.

PART OF CIVIL DIVISION.	DISTRICT.	MILES OF EMBANKMENTS.										Total miles of em- bankments.	COST OF MAINTENANCE OF D SCHEDULE EMBANKMENTS.		COST OF MAINTENANCE OF TACCAVI EMBANK- MENTS UNDER CONTRACT.		Amount payable under contract.	REMARKS.
		Under contract.					Taccavi.						Total.	Rate per mile.	Total.	Rate per mile.		
		Miles.	Feet.	Miles.	Feet.	Miles.	Feet.	Miles.	Feet.	Miles.	Feet.							
PATNA	Masuffpore	.....	.....	52	400	.....	24	1,050	76	1,450	.....	12,861	246.96	Rs. 10,415	Rs. 7,831 was expended on works and repairs to the Turki embankment during the year.
	Darbhanga	.....	.....	.....	.....	.....	17	3,960	17	3,960	.....	.....	.....	.....	Rs. 1,806 was expended on repairs to the Razidpur embankment during the year.
	Saran	.....	.....	119	4,222	.....	119	4,222	119	4,222	.....	17,511	146.17	23,970	Rs. 854 was expended on repairs to the Suresa bund during the year.
	Chumpanun...	.....	.....	65	.....	.....	65	.....	65	.....	.....	8,808	135.97	13,000	Rs. 1,294 was expended on works and repairs to the Banka embankment during the year.
	Gya	.....	.....	.....	.....	.....	1	670	1	670	.....	.....	.....	.....	Rs. 677 was expended on repairs to the Belwa embankment during the year.
BAGELPORE	Total	.....	.....	236	4,622	.....	43	400	279	5,022	.....	39,210	165.53	47,315	There was no expenditure during the year on the Chota Manika embankment in Bogra district.
	Bhagulpore	.....	.....	.....	.....	.....	3	2,960	3	2,960	.....	.....	.....	.....	Rs. 2,001 was expended on land for Tolly's Nullah embankment and sluices during the year.
	Maldah	2	959	.....	.....	.....	2	1,315	2	1,315	82	.....	.....	.....	There was no expenditure on the Damoodah right embankment at Jehangirpur during the year.
	Purneah	.....	.....	.....	.....	.....	11	1,320	11	1,320	.....	.....	.....	.....	On the Maduria Khal Embankment some repairs absolutely necessary were taken up, of which payment was deferred till next year.
	Monghyr	.....	.....	.....	.....	.....	17	315	17	315	.....	.....	.....	.....	.....
RAJSHAHY	Total	2	959	.....	.....	.....	.....	630	.....	630	(a) 12,610	1,789.61	.....	.....	.....
	Rajshahy and Bogra	7	244	.....	.....	.....	.....	630	.....	630	12,610	1,789.61	.....	.....	.....
	Total	7	244	.....	.....	.....	.....	.....	.....	.....	(b) 44,699	470.52	.....	.....	.....
	Mooredabad	95	.....	.....	.....	.....	.....	.....	.....	.....	Nil.	Nil.	.....	.....	.....
	Nuddes	219	4,000	.....	.....	.....	2	.....	2	.....	22,817	103.95	.....	.....	.....
PANDURGY	24-Pergunnahs	.....	2,542	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Total	315	1,262	.....	.....	.....	2	.....	2	.....	67,516	214.17	.....	.....	.....
	Burdwan	86	1,383	.....	.....	1,100	.....	1,100	86	1,100	(c) 12,141	140.74	.....	.....	.....
	Beerboom	3	1,320	.....	.....	.....	.....	.....	3	1,320	Nil.	Nil.	.....	.....	.....
	Hooghly	164	4,346	.....	.....	.....	6	.....	6	.....	19,340	117.33	.....	.....	.....
BURDWAN	Midnapore and Balasore	606	291	.....	.....	.....	.....	.....	862	3,089	1,02,105	168.47	43,097	51,973	.....		
	Total	860	2,070	.....	.....	1,100	6	1,100	262	2,898	1,33,546	155	43,097	54,973	.....		
	Grand Total	1,184	4,535	498	2,140	2,445	68	2,445	561	4,535	2,13,754	180	82,307	1,02,388	.....		

(a) Includes Rs. 10,903 cost of a new retired line and a cross bond.
(b) Includes Rs. 20,228 for land for remodelling embankments.
(c) Exclusive of Rs. 2,557-13 expended on land for the Pulla and Jassoodi retired lines.

C. W. I. HARRISON, Lieut.-Col., R.E.,
Offg. Secy. to the Govt. of Bengal, P. W. Dept.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government during the week ending the 23rd April 1887.

No.	District and date of return.	Rainfall at Sudder station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.			
<i>Western Districts</i>			
BURDWAN DIV.	1 Burdwan, April 23, '87	0.24	Weather—hot and dry. Prospects of crops good. Rice still cheap. Some cases of cholera. Cattle-pox still lingers in Culna sub-division.
	Culna	1.34	
	Raniganj	0.07	
	2 Bankura, " 23 "	0.39	Weather—very hot and somewhat stormy. <i>Til</i> and <i>karpas</i> cotton doing well. Lands are being prepared for <i>haimanti</i> rice. Prices unchanged. Public health good.
	Bishnupore	0.01	
BURDWAN DIV.	3 Beerbhoom, " 23 "	Nil	Weather—seasonably warm. Pressing of sugarcane over; outturn fair. Young sugarcane being planted out. Ploughing for paddy crop in active progress. Cholera reported from the interior, and is epidemic in parts of Rampore Haut sub-division.
	4 Midnapore, " 23 "	0.46	Weather—close and very warm. Paddy outturn excellent. Fresh ploughings begun in places.
	5 Hooghly, " 23 "	Nil	Weather—very hot. More rain wanted for ploughing. Cases of cholera continue to be reported from most places, besides fever and chicken-pox.
	Scrampur	0.51	
	Jehanabad	1.37	
BURDWAN DIV.	6 Howrah, " 25 "	Nil	Temperature higher. Blowing from south. <i>Boro</i> rice and sugarcane good. Ploughing going on. Sporadic cases of cholera.
	Oolooberia	0.14	
<i>Central Districts</i>			
PASCHIM DIV.	7 24-Perzha, April 26 '87	Nil	Weather—very hot with dry wind. Sugarcane doing well. Lands are being prepared for early rice. Public health fairly good, but cholera still reported.
	8 Nadda, " 23 "	Nil	Weather—very hot with warm wind. Cultivation for rice crop progressing. Indigo only on the ground; it is doing well. Some cholera cases and cow-pox.
	Kushtia	0.20	
	Meherpore	0.0	
	Chudanga	1.35	
PASCHIM DIV.	9 Khosla, " 23 "	Nil	Days hot, with south wind. <i>Boro</i> rice harvest continues. Rain is required to assist ploughing and sowing. Public health good; some cholera in Bagichat.
	Jessore, " 23 "	Nil	Weather—very hot. More rain wanted to facilitate ploughing. Cholera abating.
	Jhenidah	0.75	
	Megurah	0.35	
	Narail	0.17	
PASCHIM DIV.	10 Bongong	0.21	
	Moorshedabad, " 23 "	Nil	Weather—very hot. Prospects good. <i>Boro</i> paddy promising. <i>Bhadai</i> being sown. Cholera reported from Jungipore sub-division; otherwise public health good.
RAJSHAHY DIV.	11 Dinagepore, April 23, '87	0.51	Weather—fair. Rain all over the district except in Bunshihari. Land being prepared for <i>bhadai</i> crops. Sowing of jute and planting of sugarcane commenced in places. Rice 25 seers per rupee.
	12 Rajshahye, " 23 "	0.20	Weather—hot. Prospects of <i>boro</i> paddy and jute promising. Rain wanted for preparation of lands for <i>aus</i> and <i>amra</i> sowings, and for protection of seedlings. A few sporadic cases of cholera and small-pox reported.
	13 Rungpore, " 23 "	0.82	Weather—hot with occasional storms and slight rain. Crops on the ground doing well. Public health generally bad, fever and cholera being prevalent.
	Nilphamari	Nil	
	Kurigram	0.50	
RAJSHAHY DIV.	14 Guibanda	0.15	
	15 Rogers, " 23 "	Nil	Weather—very warm. Ploughing going on. Sowing of jute and <i>aus</i> and transplanting of sugarcane in progress. Outturn of <i>rubber</i> crops fair. Public health generally good.
	Nowkhilla	0.50	
	16 Pubra, " 23 "	0.72	Weather—very hot and dry. Rice sowing going on. Cholera reported from some places.
	17 Darjeeling, " "	.....	Report not received.
RAJSHAHY DIV.	18 Julpigoree, " 23 "	1.93	Weather—close and sultry. Some heavy showers and a heavy hailstorm. Hails did some injury to standing crops, but rain favourable to early rice cultivation. Tobacco harvest over. Cholera prevails in thana Boda. Fever prevalent.
<i>Eastern Districts</i>			
DAKKA DIV.	19 Dacca, April 23, '87	1.21	Weather—very hot. <i>Aus</i> and <i>amra</i> paddy being sown. Harvesting of <i>boro</i> paddy going on. Planting of sugarcane has commenced. Prospects of crops good. A good many cases of cholera in Manickgunge and Munshigunge.
	Manickgunge	0.81	
	Munshigunge	0.79	
	Narsingunge	0.85	
	20 Forreduare, " 23 "	Nil	Weather—hot with high winds from south and east. Paddy and sugarcane being cultivated. Cholera somewhat prevalent.
DAKKA DIV.	Goulundo	0.65	
	21 Backergunge, " 21 "	2.11	Weather—very hot. Prospect of crops good. Cholera prevails in most of the stations; general health bad.
	22 Mymensingh, " 22 "	0.36	Weather—hot and close with occasional storms. Rain has done good to the country. Ploughing going on, and prospects favourable.
	Jainulpur	1.28	
	Kishoregunge	3.01	
DAKKA DIV.	Artia	1.28	
	Netrokona	1.22	
CHITTAGONG DIV.	23 Chittagong, April 26, '87	Nil	Weather—hot. <i>Aus</i> is being sown. Prices steady. Cholera reported from several places, but public health fair.
	24 Noakhally, " 22 "	Nil	Weather—generally fine. Cloudy at times. A storm on the evening of 30th. Sowing of <i>aus</i> in full swing. Lands are being prepared for <i>amra</i> crop. A few sporadic cases of cholera.
	Fenny	0.46	
	25 Tipperah, " 21 "	0.60	Weather—hot. <i>Boro</i> rice harvest still in progress. Prospects of other crops good. Sporadic cholera reported.
	Brahmanbariah	0.81	
CHITTAGONG DIV.	26 Chandpur	1.10	
	Chittagong Hill Tracts, " 19 "	Nil	Weather—very hot throughout the week. Joom burning continues. Harvesting of tobacco and <i>chillies</i> nearly over. Public health fairly good.
	27 Hill Tipperah, " 20 "	3.72	Weather—hot and stormy. Sugarcane still being transplanted. <i>Aus</i> paddy commenced to be sown. Public health good.

No.	District and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BEHAR.			
PAINA DIV.	26 Patna, April 23, '87	Nil	Weather—hot with west wind. <i>Rubbee</i> threshing going on. Opium is being weighed. Sugarcane growing well. Public health generally good.
	27 Gya. „ 23 „	Nil	Weather—hot; strong west wind blowing. Sugarcane coming on well. <i>Cheena</i> being harvested in places. Small-pox and fever reported from several stations.
	28 Shahabad, „ 23 „	Nil	Weather—hot with westerly winds. <i>Cheena</i> and sugarcane being sown and irrigated respectively. Opium season nearly closed; result not satisfactory. weighments under the estimate and outturn considerably below the average. Public health fair. Prices stationary.
	29 Darbhanga „ 23 „	Nil	Weather—east wind prevailing. <i>Rubbee</i> harvest over. Rice, <i>moong</i> and indigo sowings doing well. Price of common rice averages 22 seers per rupee. Cholera prevailing in the town and Mochubani sub-division.
	30 Munsterpore, „ 23 „	Nil	Weather—fine. Threshing of <i>rubbee</i> crops nearly finished. Early rice, indigo, <i>moong</i> , <i>cheena</i> and <i>janera</i> in good condition. Cholera, small-pox and fever reported from different localities.
	31 Arrah, „ 23 „	Nil	Weather—strong west wind. Prospects of crops continue favourable. Sporadic cholera reported from Sonapore and Gorkha.
32 Chumprang, „ 23 „	Nil	Weather—hot in the day, but cold at night. Harvesting of <i>rubbee</i> crops nearly completed. Opium being weighed. Indigo doing well. Prices stationary. Sporadic cases of cholera reported from Bettah; public health otherwise good.	
SHAGPUR DIV.	33 Monghyt, April 23, „	Nil	Weather—seasonable. Threshing of <i>rubbee</i> has commenced. Lands are being prepared for <i>bhadai</i> crops. Public health generally good. Prices stationary.
	34 Hanguhore „ 23 „	Nil	Weather—hot and seasonable. <i>Rubbee</i> outturn 12 to 11 annas all round. Ploughing going on. Low land sowings and sugarcane doing well. Mango prospects poor. Cholera worse in two thanas in the north.
	35 Purneah „ 23 „	0.08	Weather—rather warm; very still. Jute and <i>bhadai</i> sowings in progress. Late showers have been beneficial.
	36 Maldah, „ 23 „	0.54	Weather—warm; generally light easterly breezes. <i>Boro</i> paddy promises well, and is mostly in ear. <i>Bhadai</i> sowings going on, and in some places seedlings are up. Common rice 24 to 25 seers per rupee. Public health generally good.
	37 Sonthal Pargna, „ 23 „	Nil	Weather—hot; west winds have set in, though late. Ploughing going on. Outturn of <i>rubbee</i> and <i>mahua</i> good. Except for measles and chicken-pox in Deoghur, and a little fever in Jamtara sub-division, public health good.
38 Chanchal „ „	0.42		
ORISSA.	38 Cuttack April 22, '87	0.86	Weather—hot. Reaping of <i>dahua</i> rice in progress. Ploughing goes on briskly everywhere. Rain wanted. Common rice 18 seers per rupee in town. Public health generally good.
	39 Poonr, „ 21 „	Nil	Weather—hot. Rain is wanted. Lands are being manured. <i>Dahua</i> rice and <i>moong</i> are being harvested. Common rice 25 seers 14 chittacks per rupee in Sudder sub-division, and 24 seers 10 chittacks in Khoorda sub-division. Cases of cholera reported from the interior.
	40 Balasore, „ 22 „	0.52	Weather—hot. Ploughing in progress. A few sporadic cases of cholera and small-pox reported, public health otherwise good.
URISA DIV.			
CHOTA NAGPORE.			
North-West Frontier Agency.			
41 Bazaribaga, April 22, '87	Nil	Weather—seasonable. Sugarcane doing well. Some damage to <i>mahua</i> by storms and rain in parts of the district. Lands being ploughed. General health good.	
42 Lohardugga, „ 23 „	0.03	Weather—getting very hot. Gathering of <i>rubbee</i> finished. Public health generally good.	
43 Singbhoom, „ 22 „	Nil	Weather—very hot and dry with strong west wind; slight rain in Dhalbhoom. <i>Boro</i> paddy flowering. Early paddy being sown in parts. <i>Mahua</i> falling. Sugarcane being transplanted. Public health good.	
44 Dhalbhoom, „ 16 „	0.05	Weather—hot with strong west winds. Sugarcane being planted. <i>Mahua</i> dropping. Severe cholera in Munbazar and Burubhoom.	
Govindpur „ „	0.55		

Published for general information.

CALCUTTA, REVENUE DEPT.;
The 26th April 1887.P. NOLAN,
Secy. to the Govt. of Bengal.

The following Statement shows the Quantities of the Principal Staples of Traffic imported into Calcutta from the India during the month of December 1886.

IMPORTS INTO CALCUTTA.

Whence imported.	FOOD-GRAINS.							FIBROUS PRODUCTS.		OILSEEDS.		Tea, Indian.	Cotton, raw.	Silk, raw.	SUGAR.			Total.
	RICE AND PADDY.			Wheat.	Gram and pulses.	Other food-grains.	Total.	Jute, raw.	Gunny-bags.	Linseed.	Mustard-seed.				Drained.	Un-drained.	Birch.	
	Rice.	Paddy.	Total (in mds.).															
BENGAL.																		
Burdwan	1,51,250	1,493	1,52,743	3,020	5,937		1,01,140	1,730	14,100	1,848	753	536		191	100	276		
Barthaboom	2,82,774		2,82,774				2,82,774		4,000									
Midnapore	1,17,842	21,583	1,39,425				1,31,841	424	543		142		4					
Hooghly	41,934		41,934	3,701	1,785	409	38,092	61,408	512,007	8,660	9,462							
24-Pargunnah	3,12,400	28,273	3,40,673	394	77		3,40,695	15,082	335,343	425				2,114	8	7,920	30,978	
Nudda	10,177		10,177	12,154	40,943	278	62,759	3,314	1,377	5,929	642	856		195	15	22,340	22,340	
Khulna	9,010		9,010				38,002	50,002	2,030	21								
Jessore	31,118	3,700	34,818				68,150	4,735	626	1,84	470			683		330	6,908	
Mooredabad	41,702		41,702	7,470	18,413	741	68,150	4,735	626	1,84	470							
Dinapore	8,598		8,598				7,510	35,203	46,095	1,572								
Rajahmundry	1,748		1,748	1,81	4,467		7,310											
Kunipore	154		154	63			27	1,65,513	336,235									
Bogra	16,173		16,173				16,173	26,75	580,339									
Pubna	1,034		1,034	807	5,050		7,084	3,80,258		1,914								
Darjeeling	4		4				4	81,070						12,133				
Jalpaiguri	700		700		340		1,040	1,08,115	100					317				
Dacca	5,048	326	5,374		8,405		14,250	1,67,769	100	113				185	154	607		
Purandarpore	1,98,274	25	1,98,300				1,98,351	8,71	420									
Bacharkunze	800		800		243		1,13	1,92,671	630		835			1				
Mymensingh	450		450				450											
Tipperah														1,410				
Chittagong														1,125				
Noakhali	4,415		4,415				4,415	3,925										
Total of Bengal	12,40,670	61,127	12,78,874	28,094	65,090	1,109	13,73,171	15,73,751	2,340,895	20,726	14,226	23,48	6,308	1,315	9,044	75,541	95,585	
BEHAR.																		
Patna	5		5	1,28,540	87,810	11,785	2,28,135	401	2,170	96,513	7,304			4		1,640		
Gya				23,441			23,441			1,862	274			8		2,000		
Shahabad	530		530	20,211	16,090	1,331	37,632		175	8,224	300			20		840	6,001	
Muzaffarpore				1,110	200		1,310		315	3,282	1,950							
Durghanga	532		532	12,005	918	128	14,483		305	57,445	17,043			624				
Baran				13,473	4,792	962	19,110	2,365	60	2,059				83				
Chumpran	6		6	11,751			11,757		35	23,702	6,344							
Mouhlyr	210		210	57,111	31,178		88,500		230	3,612	5,005			304				
Bhagulpore	505		505	45,862	1,444	9,740	57,046	2,401		6,246	11,800			9		1,848		
Purneah	244		244	1,408	3,701	842	6,051	4,705	42,034	4,000	10,553			202				
Maldah	902		902	5,328	3,638	681	10,000	6,788		321								
Southal Pergunnah.	3,795		3,795	29,408	3,000	1,170	33,433		665	3,976	16,239							
Total of Behar	6,918		6,918	3,50,191	1,51,177	26,886	5,28,254	17,322	46,655	2,07,090	70,081	267	444	896	1,492	11,164	12,656	
ORISSA.																		
Balasore	20,430	4,651	25,081				25,081	4,492	400									
CHOTA NAGPORE.																		
Hazaribagh					7		7		525		271	861		261				
Manbhoom	1,500		1,500		209		1,775		6,561			1		64				
Total of Chota Nagpore.	1,500		1,500		270		1,782		7,070		271	863		261				
Grand Total of supplies from the Provinces under the Lieutenant-Governor of Bengal.																		
	12,75,530	65,778	13,16,611	3,76,795	1,48,510	26,306	19,72,201	15,95,515	2,394,460	2,29,422	90,578	24,318	6,763	2,978	10,536	84,705	95,641	
OTHER PROVINCES.																		
Assam								9,501	70		4,745	89,444		404				
North-Western Provinces and Oudh.	523		523	3,60,213	57,616	1,177	4,28,798		595	41,104	28,115	215	2,56,073	23	79	608		
Punjab	8		8		11,180	24	11,218					366	13,457	3				
Central Provinces													1,002					
Rajputana States					267	3	270					85	1,774					
Bombay													11,982					
Madras													1,400			3,990		
British Burmah	6,897		6,897		22		6,919		800			1	519			7		
Other places	374		374		210		584							53	33,408	10,025		
Grand Total of imports in December 1886	12,63,631	65,778	13,24,742	7,48,008	3,17,826	26,638	24,20,100	16,05,076	2,395,725	2,73,731	1,23,438	1,14,448	3,06,024	2,400	47,013	90,747	1,00,747	
in December 1885	12,67,000	61,776	13,28,800	1,90,564	1,27,724	23,246	7,73,223	10,61,191	1,850,944	1,62,404	80,354	75,627	1,67,423	1,363	26,433	85,516	1,00,747	

* One maund of paddy is equivalent to 25 seers of rice. † Exclusive of bags obtained by local manufacture.

The Sea-borne Trade of Calcutta in these Staples during the month of December 1886, was as follows:—

EXPORTED FROM CALCUTTA—																	
To Indian ports, viz.—																	
Bombay ...	2,90,600	...	2,90,600	...	1,716	120	2,92,474	...	2,627,025	...	1,700	...	...	...	...	1,903	...
Other ports in Bombay ...	678	...	678	...	...	...	678	...	...	...	...	...	...	...	...	...	...
Madras ...	418	...	418	...	...	...	418	...	...	...	...	...	...	...	...	...	...
Other ports in Madras ...	2,07,800	4,338	2,10,110	...	...	...	2,13,231	6,991	649,020	...	...	...	...	...	...	...	...
British Burmah ...	2,688	...	2,688	...	...	...	2,688	...	...	...	...	...	...	...	...	...	...
Other Indian ports ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pondicherry ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total of Inter-portal trade	5,01,780	4,338	5,04,539	1,768	96,080	1,570	6,02,967	6,987	4,908,885	...	10	1,856	800	194	3,577	...	...
Foreign ports—	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
United Kingdom ...	96,804	...	96,804	4,71,679	15,861	...	5,82,696	12,60,301	642,600	3,97,757	63,787	1,30,923	80,741	678	...	...	...
Other Foreign ports ...	4,91,878	2,958	4,93,527	1,14,787	35,862	8,408	6,55,584	4,17,705	1,124,913	4,111	2,837	406	35,030	761	419	...	...
Total of Foreign trade	5,97,044	2,958	5,99,993	5,86,466	51,723	9,408	12,38,280	16,77,990	1,667,516	291,508	64,624	1,31,328	1,11,780	839	419	...	...
Grand Total of exports in December 1886	10,60,674	7,296	10,68,432	8,88,134	1,40,803	9,978	18,41,387	16,64,883	6,476,180	801,998	40,580	1,33,190	1,23,138	1,033	3,996	...	...
Grand Total of exports in December 1885	8,18,683	4,988	8,21,175	2,49,667	65,603	11,753	11,46,098	15,38,093	5,292,627	9,17,343	33,015	90,881	83,437	800	3,684	...	...

The following Statement shows the several Routes followed by the Trade in the Principal Staples of Traffic imported into Calcutta during the month of December 1886.

IMPORTS INTO CALCUTTA.

SPECIFICATION OF ROUTES.	FOOD-GRAINS.					FIBROUS PRODUCTS.		OILSEEDS.		Tea, Indian.	Cotton, raw.	Silk, raw.	SUGAR.		TOBACCO.	
	Rice.	Paddy.	Wheat.	Gram and pulses.	Other food-grains.	Jute, raw.	Gunny-bags.	Linseed.	Mustard seed.				Drum-st.	Un-drained.	His-path.	Other kinds.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Country boats	7,04,984	84,654	40,818	92,945	6,391	6,13,165	724,980	37,100	44,785	.....	5,672	184	1,093	30,702	5	9,840
Steamers	14,923	165	15,061	327	.....	3,28,602	.....	2,857	4,783	77,791	614	91	1,292	11	.....	20
East Indian Railway.	4,83,975	79	6,90,289	2,02,152	23,059	.....	31,500	3,31,768	73,382	2,022	2,81,292	1,472	319	11,843	.....	711
Eastern Bengal State Railway.	33,000	.....	2,044	22,124	.....	5,00,399	1,612,590	1,397	488	33,213	219	547	.....	4,835	193	10,332
Grand Total of Imports in December 1886	12,83,681	85,778	7,48,008	3,17,820	29,533	16,05,076	2,305,725	2,75,731	1,23,438	1,14,416	3,02,024	2,405	47,012	36,740	288	28,438
Grand Total of Imports in December 1885	12,87,080	61,776	9,00,564	2,27,721	23,245	14,61,191	1,850,944	1,62,404	86,854	75,027	1,07,433	1,903	36,923	68,316	2,087	36,711

The following Statement shows the Values, Quantities, and Numbers of the Principal Staples of Traffic exported Inland from Calcutta during the month of December 1886.

EXPORTS FROM CALCUTTA.

Whither exported.	Cotton piece-goods.		Cotton twist.		Salt.	Gunny-bags.	Whither exported.	Cotton piece-goods.		Cotton twist.		Salt.	Gunny-bags.			
	European.	Indian.	European.	Indian.				European.	Indian.							
BANGAL.	Rs.	Rs.	Mds.	Mds.	Mds.	No.	CHOTA NAGPORE.	Rs.	Rs.	Mds.	Mds.	Mds.	No.			
Barrackpore	2,88,197	1,540	528	1,384	33,105	145,968	Hazareebahar	52,731	1,100	1	205	4,522	2,170			
Bhawal	1,82,970	600	117	485	10,371	302,370	Manbhoom	1,18,315	1,320	38	2,112	9,704	3,605			
Bhadrabad	1,86,380	.....	2,105	.....	2,250	32,674	Total of Chota Nagpore	1,71,046	2,420	39	2,317	14,226	5,775			
Bhatnagar	1,18,152	1,310	607	10	1,804	102,912	Grand Total of supplies into the provinces under the Lieutenant-Governor of Bengal.	75,83,068	60,858	10,690	8,031	8,00,749	1,363,965			
Bhusawal	1,00,784	2,458	47	.....	13,000	24,319	OTHER PROVINCES.									
Bilaspur	3,08,014	.....	2,108	.....	32,412	31,737	Assam	3,30,611	600	216	81	53,157	868			
Bombay	1,21,420	.....	614	.....	8,210	105	North-Western Provinces and Oudh	22,72,914	7,020	5,417	2,003	54,870	830,513			
Brahmachari	1,50,637	.....	673	.....	23,240	2,085	Punjab	6,63,296	2,800	1,306	.....	154,630	1,11,065			
Brahmachari	88,314	.....	173	22	14,007	11,885	Central Provinces	2,778	.....	150	.....	111,065	33,320			
Brahmachari	1,70,002	1,050	61	.....	9,180	6,370	Rajputana States	42,777	.....	208	.....	.....	.....
Brahmachari	2,61,080	110	359	.....	15,367	2,000	Bihar	1,770	.....	.....	.....	2,027,035	894,430			
Brahmachari	2,61,422	.....	46	.....	5,380	19,215	Bombay	3,770	220	.....	.....	85,500	19,490			
Brahmachari	2,63,940	600	32	.....	88,208	55	Madras	91,758	.....	1,618	.....	1,061,700	1,607,318			
Brahmachari	2,67,200	230	32	.....	1,240	315	Sind	.....	.....	.....	.....	.....	.....
Brahmachari	10,23,408	770	210	42	52,891	5,410	Pondicherry	.....	.....	.....	.....	.....	.....
Brahmachari	4,39,880	.....	1,072	.....	37,088	6,405	British Burmah	3,53,427	.....	2,696	303	.....	.....	
Brahmachari	1,05,821	.....	550	.....	37,175	1,800	Other places	29,199	2,480	11	2,243	.....	.....	
Brahmachari	1,28,125	.....	106	.....	33,204	.....	Grand Total of Exports in December 1886	1,10,29,208	81,407	29,434	14,657	0,14,872	8,529,711	7,367,989		
Brahmachari	1,52,310	.....	183	.....	3,425	57,600	December 1885	1,21,03,721	2,34,141	27,402	11,007	0,43,813	7,367,989	.....	
Brahmachari	14,492	.....	.....	.....	4,100	.....									
Total of Bengal	46,43,034	13,208	12,942	1,939	4,51,807	671,615										
BEHAR.																
Bahadur	3,79,400	10,800	273	367	1,05,082	175,590										
Bahadur	84,310	1,530	52	872	21,720	17,300										
Bahadur	3,20,922	.....	30	750	23,438	51,780										
Bahadur	97,759	170	.....	18	6,180	1,000										
Bahadur	5,29,830	1,540	61	631	51,000	89,145										
Bahadur	2,26,737	.....	12	60	6,004	16,800										
Bahadur	2,60,757	5,830	23	110	24,250	28,125										
Bahadur	1,79,705	8,260	9	488	14,701	60,830										
Bahadur	1,71,731	1,700	83	217	17,057	58,000										
Bahadur	1,46,804	.....	77	222	19,101	5,546										
Bahadur	2,02,761	18,280	116	800	22,021	1,550										
Total of Behar	26,03,339	49,170	738	4,941	3,25,000	603,255										
ORISSA.																
Bahadur	.....	.....	.....	.....	.....	2,500										
Bahadur	.....	.....	.....	.....	.....	5,360										
Bahadur	1,00,080	.....	2,979	314	15,707	76,460										
Total of Orissa	1,00,080	.....	2,979	314	15,707	83,310										

* As per tariff declaration value.

The following Statement shows the several Routes followed by the Trade in the Principal Staples of Traffic exported from Calcutta during the month of December 1886.

SPECIFICATION OF ROUTES.	COTTON PIECE-GOODS.		COTTON TWIST.		Salt.	Gunny-bags.
	European.	Indian.	European.	Indian.		
	Rs.	Rs.	Mds.	Mds.	Mds.	No.
Country boats	3,68,333	900	4,178	.....	4,05,243	290,404
Steamers	7,12,061	.....	1,000	198	33,007	47,021
East Indian Railway	65,000	66,780	8,038	1,410	3,01,167	1,034,000
Eastern Bengal State Railway	2,34,834	8,538	740	.....	92,111	69,610
Grand Total of Exports in December 1886	1,14,29,808	81,407	28,434	14,557	0,14,782	8,529,711
Grand Total of Exports in December 1885	1,24,05,791	2,34,141	27,402	11,007	0,43,813	7,367,989

STATISTICAL DEPARTMENT,
The 22nd April 1887.

P. NOJAN,
Secretary to the Govt. of Bengal.

Meteorological Report of the Province of Bengal

METEOROLOGICAL DIVISION.		DISTRICT.	Representative station.	STATION OBSERVATIONS.											
				AIR PRESSURE.			WIND.		TEMPERATURE.						
				Mean barometric height, 10 A.M.	Mean reduced to sea-level.	Variation from mean.	Prevailing direction.	Mean wind velocity.	Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.
ORISSA.	Pooree	Gopalpore	29.750	29.700	—	SSW	2.5	87.7	19th, 21st April	77.8	16th April	86.8	79.1	83.0	—
		False Point	29.780	29.808	—0.028	SSW	305	91.0	22nd "	70.1*	16th "	88.1*	77.3*	82.7*	—1.0
	Cuttack	Cuttack	29.719	29.709	—0.010	WSW	113	100.9	22nd "	71.8	16th "	102.4	76.6	89.5	—0.2
	Balasore	Balasore	29.735	29.735	—	S & SW	70.1	102.1	21st, 22nd April.	72.8	16th "	93.8	75.3	84.7	—
SOUTH-WEST BENGAL.	South-West Midnapore	Sanger Island	29.777	29.803	—0.026	SSW	281	94.2	22nd "	73.5	16th "	91.3	79.8	85.5	+1.0
	South 24-Pargunnahs	Midnapore	29.630	29.770	—	Southerly	112.9	100.0	22nd "	69.2	16th "	92.8	75.3	87.5	—
	24-Pargunnahs														
	Howrah	Calcutta	29.762	29.784	—0.022	WSW	144	101.0	22nd "	71.2	16th "	96.2	75.3	85.9	+0.3
	Hugli														
	Burdwan	Burdwan	29.678	29.778	—0.051	WSW	73.9	104.1	21st "	71.2	14th "	98.4	75.1*	86.7*	—1.7*
	Bankura	Bankura	29.444	—	—	NW	4	105.6	22nd "	66.7	17th "	99.0	75.6	87.3	—
	Beerbhoom	Raneegunge	29.447	—	—	Westerly	87.4	105.8	22nd "	70.4	17th "	90.6	74.0	86.8	—
	West Burdwan														
	Mooredabad	Berhampore	29.689	29.706	—0.013	SW	93.1	102.2	21st "	71.3	17th "	96.8	74.8	83.8	—2.1
	Nuddea	Krishnagur	29.720	—	—	WSW	90.3	101.8	21st "	71.4	22nd "	97.0	74.7	85.9	—
	Jessore	Jessore	29.761	29.784	—0.020	W	79.3	103.8	21st "	71.4	19th "	93.2	76.3	87.3	+1.4
EAST BENGAL.	Khoulna														
	Chittagong	Chittagong	29.744	29.833	—0.072	S	86	92.2	19th "	70.0	19th "	89.9	74.7	82.3	+0.6
	Chittagong Hill Tracts	Dumagiri							Observations not received.						
	Backergunge	Burrial	29.786	29.798	—	S	125.7	95.3	20th April	71.9	24th "	93.7	74.0	83.6	—
	Noakhally	Noakhally	29.772	29.825	—	Calm	21.1	91.5	18th "	69.3	19th "	89.9	74.1	82.0	—
	Furteedpore	Furteedpore	29.769	—	—	S	93	90.5	21st "	70.9	18th "	86.9	72.8	79.8	—
	Dacca	Dacca	29.781	29.801	—0.020	SSE	130	94.1	17th, 19th April.	70.6	19th "	93.2	74.9	84.1	+0.7
	Tipperah	Comilla	29.801	29.809	—	SE	157.7	94.3	16, 19, 21 April.	69.8	17th "	93.9	73.6	83.8	—
	Mymensingh	Mymensingh	29.767	—	—	SE	111	91.3	22nd "	69.1	17th "	89.7	71.6	80.8	—
NORTH BENGAL.	Bogra	Bogra	29.712	29.765	—	ESE	105.7	96.3	19th "	70.1	17th "	94.3	74.3	84.3	—
	Pubna	Serajpore	29.734	29.781	—	ESE	116.1	95.1	22nd "	69.5	19th "	93.9	73.3	83.6	—
	Rajahmoo	Rampore Beau-	29.689	29.758	—	Southerly	72.4	90.8	19th, 21st April.	68.7	17th "	90.6	75.1*	85.9*	—
	Maldah	Maldah	29.694	—	—	Calm	15.6	98.9	22nd "	69.2	17th "	96.8	74.0	86.4	—
	Dinapore	Dinapore	29.663	29.784	—	ENE	88.9	94.6	17th, 19th, 22nd April.	68.1	17th "	93.8	73.3	83.1	—
	Rungpore	Rungpore	29.665	29.790	—	E	90.3	93.8	22nd "	66.7	17th "	91.4	71.1	81.3	—
	Julpikore	Julpikore	29.627	29.616	—	?	102.0	92.0	21st "	68.5*	16th "	88.6*	72.3*	80.6*	—
	Cooch Behar														
	Darjeeling Hill District	Darjeeling	22.963	—	—0.027	Calm	116.9	63.5	21st "	43.2	16th "	60.7	49.3	55.0	—0.7
	Purneah	Purneah	29.640	29.774	—0.054	Calm & NE.	10.8	98.3	22nd "	67.7	17th "	95.1	73.2	84.3*	—0.2*
NORTH BENGAL.	Mozufferpore	Mozufferpore							Observations suspended.						
	Durbhanga	Durbhanga	29.598	29.765	—0.046	ESE	116	97.2	22nd April	71.5	16th "	93.8	74.3	84.3	—0.5
	Chumparan	Motihar	29.624	29.751	—	ESE	161.1	98.3	22nd "	69.5	19th "	94.5	71.0	82.8	—
	Sarun	Chupra	29.658	—	—	Westerly	138.6	102.5	21st, 22nd April.	73.2	21st "	98.1	78.8	86.0	—
		Dehree	29.624	29.770	—	W	238.0	100.5	20th "	72.5	17th "	97.9	78.7	88.8	—
	Shahabad	Buxar	29.615	29.763	—	NW	181.1	103.4	22nd "	73.8	22nd "	100.6	78.4	88.0	—
		Arrah	29.659	29.733	—	W	118.6	104.9	20th "	73.6	16th, 20th, 22nd April.	101.7	74.3	85.0	—
	Gya	Gya	29.679	29.748	—0.054	W	124.2	100.3	22nd "	76.6	17th "	102.6	79.6	91.2	+1.3
	Patna	Bankipore	29.672	29.763	—0.056	WNW	82.9	105.0	21st "	71.2	19th "	100.6	73.9	87.8	?
	South Bhagulpore	Bhagulpore	29.687	29.746	—	NE	57	98.4	22nd "	73.0	17th "	96.8	74.0	85.0	—
SOUTH BENGAL.	South Bhagulpore	Deomka	29.256	—	—	Calm	86.3	104.7	21st "	73.8	17th "	100.0	75.9	88.0	—
	Hazaribagh	Hazaribagh	27.801	29.752	—0.050	WNW	291.7	99.3	21st, 22nd April.	70.7	17th "	97.5	75.4	85.5	+1.0
	Lohardugga	Ranchee	27.677	29.740	—	NW	204.5	100.0	22nd "	67.7	17th "	97.4	75.0	86.2	—
	Manikpore														
	Singbhoom	Chyabura	29.011	—	—	SSW	63.3	107.6	22nd "	73.0	17th "	104.9	77.4	91.1	—

Explanation. — Summary. — The normal means of air pressure and temperature are the arithmetical averages or means of the readings during the same period for the same years. The humidity of the atmosphere is expressed as a percentage, saturated air being represented by 100. A clear sky is denoted by 0 and an overcast sky by 10. The amount of the rainfall in that district determined from the returns sent in by the sub-divisional stations for the period in question during the same years is the numerical mean or average of the rainfall in that district divided by the number of stations. A rainy day is one on which at least hundredth of an inch fell.

* Mean for six days.

for the week ending Friday, the 22nd April 1887.

DISTRICT OBSERVATIONS.														Representative station.	District.	METEOROLOGICAL DIVISION.
Average humidity at 10 A.M.	Average cloud amount at 10 A.M. for week.	Rainfall of week at observing stations.	RAINFALL.													
			Of week.			Since 1st of Month.			Since 15th May 1886.			Average number of rainy days.	Normal number of rainy days.			
			Mean for district.	Normal mean.	Variation.	Mean for district.	Normal mean.	Variation.	Mean for district.	Normal mean.	Variation.					
77	1.4	Nil	—	—	—	—	—	—	—	—	—	—	—	Gopalpore	...	Orissa.
81	2.4	0.44	0.12	0.30	0.19	0.80	-0.67	62.15	58.60	+3.69	0.5	0.6	False Point	Pooree	...	
88	1.4	0.93	0.28	0.48	0.88	0.83	+0.06	60.67	54.60	+12.07	0.6	0.7	Cuttack	Cuttack	...	
81	0	0.20	0.00	0.52	0.89	1.15	-0.20	60.03	57.28	+3.05	0.2	0.9	Balasore	Balasore	...	Orissa.
50	4.4	Nil	Nil	0.64	0.62	1.04	-0.42	65.08	60.87	-11.79	0.0	0.9	Saugor Island	South-West Midnapore	...	
43	1.0	0.60	0.15	0.50	1.09	0.97	+0.12	59.25	55.61	-5.36	0.7	0.8	Midnapore	South 24-Pergunnahs	...	
21	0.9	Nil	0.01	0.40	1.07	1.03	+0.04	61.92	55.75	+6.17	0.1	1.0	Calcutta	24-Pergunnahs	...	Orissa.
40	0.7	0.07	0.02	0.41	1.33	1.14	+0.10	58.52	40.89	+8.63	0.7	1.0	Burdwan	Howrah	...	
41	0	0.39	0.12	0.30	1.51	0.51	+1.00	56.98	54.50	+1.82	1.0	0.0	Bankoora	Bankoora	...	
3	0	0.07	0.02	0.26	1.84	0.70	+1.14	70.51	54.11	+16.40	0.2	0.6	Ranagunge	Barbhoon	...	Orissa.
87	0	Nil	0.06	0.24	0.77	0.80	-0.09	64.79	51.46	+13.33	0.3	0.6	Herhampore	West Burdwan	...	
83	1.0	Nil	0.04	0.37	1.03	1.70	-0.67	61.20	53.52	+7.74	0.2	1.0	Krishnagur	Moornabadabad	...	
84	3.0	Nil	0.05	0.70	0.63	1.03	-1.50	64.08	58.78	+5.30	0.3	1.4	Jessore	Nudda	...	Orissa.
2	6.7	0.04	Nil	0.59	Nil	1.37	-1.3	133.58	117.22	+16.37	0.0	0.8	Chittagong	Jessore	...	
12	1.7	0.02	0.02	0.72	Nil	2.32	-2.32	98.14	88.25	+9.89	0.0	1.2	Demagiri	Chittagong Hill Tracts	...	
19	0.08	0.12	0.71	0.28	2.57	-2.29	128.82	118.78	+13.04	0.3	1.3	Barrisal	Backergunge	...	Orissa.	
0	0.50	0.34	0.50	0.60	2.10	-1.10	68.10	61.94	+4.31	0.7	1.5	Noakholly	Noakholly	...		
40	1.22	0.84	0.01	0.91	2.70	-1.70	82.51	65.19	+17.32	1.0	1.7	Furzedpore	Furzedpore	...		
40	0.58	1.81	1.07	1.97	3.00	-1.03	80.10	78.00	+7.20	1.5	1.7	Commillah	Dacca	...	Orissa.	
41	0.54	0.06	0.89	1.53	2.03	-0.50	74.04	72.38	+1.66	2.0	1.8	Mymensingh	Tipperah	...		
10	0.04	0.13	0.52	0.24	1.09	-0.76	70.77	60.07	+11.70	0.3	1.1	Bogra	Mymensingh	...		
20	0.26	0.48	0.62	0.80	1.71	-0.91	66.41	57.62	+8.79	1.0	1.6	Serajgunge	Bogra	...	Orissa.	
0	0.25	0.10	0.30	0.30	1.03	-0.73	63.13	50.40	+6.64	0.5	0.7	Rampore Bonaleah	Patna	...		
0	0.54	0.27	0.18	1.33	0.06	+0.67	64.78	55.52	+9.26	0.5	0.6	Maldah	Rajshahye	...		
40	0.75	0.15	0.30	0.59	0.56	+0.03	70.34	55.34	+21.00	0.4	0.8	Dinagore	Maldah	...	Orissa.	
0.4	0.98	0.87	0.69	1.24	1.70	-0.16	77.66	70.92	+6.74	2.0	1.2	Rungpore	Dinagore	...		
8.3	1.91	1.67	0.92	2.31	2.24	+0.07	115.13	114.99	+0.14	3.8	1.4	Jalpigoree	Rungpore	...		
0.6	0.70	1.24	0.90	3.81	2.55	+1.26	147.91	123.25	+25.66	3.5	1.9	Darjeeling	Jalpigoree	...	Orissa.	
0.1	Nil	0.02	0.23	1.12	0.56	+0.56	82.00	58.27	+23.73	0.2	0.4	Purneah	Cooch Behar	...		
0	Nil	Nil	0.12	0.57	0.34	+0.23	62.65	48.28	+14.37	0.0	0.2	Purneah	Darjeeling Hill Districts	...		
0	Nil	Nil	0.10	0.1	0.34	+0.35	63.89	44.23	+19.66	0.0	0.4	Mozufferpore	Purneah	...	Orissa.	
0.9	Nil	Nil	0.04	0.80	0.39	+0.41	62.96	46.74	+16.22	0.0	0.2	Durbhunga	Mozufferpore	...		
0	Nil	Nil	0.03	0.42	0.10	+0.33	68.64	42.33	+26.31	0.0	0.2	Motihari	Durbhunga	...		
0	Nil	Nil	0.05	0.72	0.12	+0.60	57.60	40.37	+17.23	0.0	0.2	Chupra	Chumpran	...	Orissa.	
0	Nil	Nil	0.08	0.21	1.19	0.45	+0.74	73.81	50.41	+23.40	0.3	0.5	Dehree	Saran		...
0	Nil	Nil	0.07	0.20	0.16	+0.10	63.49	41.87	+21.62	0.0	0.3	Buxar	Shahabad	...		
0.3	Nil	Nil	0.19	0.75	0.36	+0.39	63.81	43.55	+20.26	0.0	0.4	Arrah	Gya	...	Orissa.	
0	Nil	0.08	0.21	1.19	0.45	+0.74	73.81	50.41	+23.40	0.3	0.5	Gya	Patna	...		
0	Nil	0.37	0.40	0.23	0.14	+0.09	59.13	51.06	+7.46	0.2	0.3	Bankipore	South Bhagulpore	...		
0	Nil	0.06	0.14	0.82	0.42	+0.40	51.36	40.57	+10.79	1.0	0.6	Bhagulpore	Monghyr	...	Orissa.	
0	Nil	Nil	0.30	0.17	0.61	-0.44	44.00	54.86	-10.75	0.0	1.0	Doonka	South 24-Pergunnahs	...		
0	Nil	0.37	0.40	0.23	0.14	+0.09	59.13	51.06	+7.46	0.2	0.3	Hazaribagh	South 24-Pergunnahs	...		
0	Nil	0.06	0.14	0.82	0.42	+0.40	51.36	40.57	+10.79	1.0	0.6	Hanehee	Hazaribagh	...	Orissa.	
0	Nil	Nil	0.30	0.17	0.61	-0.44	44.00	54.86	-10.75	0.0	1.0	Chyabasse	Lohardugga	...		
0	Nil	Nil	0.30	0.17	0.61	-0.44	44.00	54.86	-10.75	0.0	1.0	Chyabasse	Manbhoom	...		

The variations are negative when the mean for the week is less than the corresponding normal mean, and positive when greater.
 The cloud amount represents the part of the sky covered, the whole sky being assumed by 10. Under the head "District observations of rainfall, the normal mean
 The means of the district are the numerical averages of the rainfall returns received in the district, i.e., from the total rainfall at the sub-divisional

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 22nd of April 1887.

Meteorological division.	District.	Station.	RAINFALL.							TOTAL.		Total rain-fall since 1st of month.	Average total rain-fall from 1st of month.	Total rain-fall since 15th May 1886.	Average rainfall from 15th May to date.
			Saturday, 16th April.	Sunday, 17th April.	Monday, 18th April.	Tuesday, 19th April.	Wednesday, 20th April.	Thursday, 21st April.	Friday, 22nd April.	Number of rainy days.	Rainfall week.				
ORISSA	Purora	Purora	0.02							NH	NH	0.28	0.28	55.14	53.75
		Khardah	0.02							NH	NH	0.28	0.28	55.14	53.75
		Banpur	0.44							NH	NH	0.44	0.44	55.14	53.75
		Falso Point								NH	NH			55.14	53.75
		Gop								NH	NH			55.14	53.75
	Cuttack	Pipili								NH	NH	0.50	0.51	70.16	53.75
		Jamsingapore								NH	NH	0.40	0.47	63.70	53.75
		Bunk								NH	NH	0.40	0.47	70.16	53.75
		Cuttack	1.00							NH	1.00	1.00	0.52	63.70	53.75
		Kendrapara								NH	NH	0.40	0.47	63.70	53.75
	Balsore	Jaspore	0.05							NH	NH	0.57	0.57	65.16	53.75
		Dharmasalla								NH	NH	0.05	0.05	65.16	53.75
		Salipore								NH	NH	0.13	0.80	65.16	53.75
		Chandball								NH	NH	3.65	1.41	64.29	53.75
		Bhuddruck								NH	NH	0.26	1.23	64.29	53.75
SOUTH-WEST BENGAL.	Midnapore	Sorn			0.52					NH	0.52	0.57	1.83	64.23	53.75
		Balsore								NH	NH	0.40	0.69	64.23	53.75
		Jellapore								NH	NH	0.20	0.80	65.16	53.75
		Baripaddah								NH	NH	0.30	0.91	64.31	53.75
		Contai								NH	NH	1.16	0.77	65.30	53.75
	24-Pergunnahs	Saugor Island								NH	NH	0.30	0.94	47.30	53.75
		Tinlok								NH	NH	1.97	0.73	65.03	53.75
		Midnapore	0.31		0.12					NH	NH	0.99	1.23	64.32	53.75
		Chattal								NH	NH			64.32	53.75
		Devop								NH	NH	0.38		64.30	53.75
	Howrah	Horia								NH	NH			64.30	53.75
		Bhagwanpore								NH	NH			64.30	53.75
		Garbeta			0.31					NH	0.31	1.91		62.09	53.75
		Diamond Har-								NH	NH	0.40	1.43	64.43	53.75
		bour								NH	NH	0.04		64.43	53.75
	Hooghly	Canning Town								NH	NH	0.50	1.03	64.33	53.75
		Alipore Jail								NH	NH	1.08	0.9	60.91	53.75
		Barrackpore								NH	NH	0.54	1.06	67.85	53.75
		Dum-Dum								NH	NH	1.14	0.86	64.54	53.75
		Barrow								NH	NH	0.87	0.86	71.22	53.75
	Burdwan	Buxerhat								NH	NH	0.24	1.37	65.58	53.75
		Howrah			0.14					NH	0.14	0.50	0.91	67.38	53.75
		Moheswara (Outubariah)								NH	NH	1.17	1.03	64.40	53.75
		Serampore								NH	NH	1.82	1.13	64.04	53.75
		Hooghly								NH	NH	2.88	1.06	64.06	53.75
	Bankura	Jehanabad								NH	NH	1.46	1.16	67.64	53.75
		Culna		0.06	0.01					NH	0.07	1.27	1.20	65.42	53.75
		Burdwan								NH	NH	1.26	1.04	64.50	53.75
		Cutwa								NH	0.07	1.87	0.73	68.54	53.75
		Kanayganj	0.07							NH	NH	1.80		65.59	53.75
	Bardhaman	Mankur	0.37	0.02						NH	0.39	2.13	0.82	64.62	53.75
		Bankura			0.04					NH	0.04	1.53	0.74	64.42	53.75
		Bishupore								NH	NH	0.46	0.24	65.72	53.75
		Malma								NH	0.05	1.54	0.23	67.55	53.75
		Khatra	0.05							NH	NH	1.53		65.16	53.75
	Barrbhoon	Indra								NH	NH	2.23		64.56	53.75
		Kotalpore								NH	NH	1.80		64.96	53.75
		Anda			0.40					NH	0.40	0.80		67.66	53.75
		Gangajudhati								NH	NH	0.77		65.71	53.75
		Kaspore		0.32						NH	NH	1.03		60.01	53.75
	Nuddea	Sonamukhi								NH	NH	1.48	0.52	71.57	53.75
		Bh. Soory								NH	NH	1.28	0.63	64.94	53.75
		Hetampore								NH	NH	2.69	0.94	71.67	53.75
		Rampore								NH	NH	0.42		65.94	53.75
		Boipore								NH	NH	1.67	1.63	65.13	53.75
EAST BENGAL.	Khoolna	Ranaghat								NH	NH	0.58	1.84	64.77	53.75
		Kishnaghat								NH	NH	1.08	1.09	61.51	53.75
		Choudangan								NH	NH	1.50	1.79	61.20	53.75
		Chandpur			0.20					NH	0.20	0.40	1.07	73.60	53.75
		Kusumia								NH	NH	0.53	1.04	61.74	53.75
	Jessore	Sarkhara								NH	NH	NH	0.33	60.83	53.75
		Basurhat								NH	NH			60.83	53.75
		Khoolna								NH	NH			60.83	53.75
		Narail	0.08							NH	0.08	0.25	1.68	60.38	53.75
		Jessore								NH	NH	0.32	1.04	60.64	53.75
	Moorsheadabad	Jhenidah								NH	NH	0.75	2.15	60.03	53.75
		Mangoorah			0.31					NH	0.31	1.33	2.24	60.02	53.75
		Bongong								NH	NH	0.21	1.61	67.61	53.75
		Kandi								NH	NH	1.22	1.02	68.52	53.75
		Berlampore								NH	NH	0.87	0.93	61.10	53.75
	Chittagong	Lalbagh								NH	NH	0.25	0.97	65.80	53.75
		Azamganj			0.03					NH	0.03	0.58	1.00	60.86	53.75
		Jungipore								NH	NH	0.60	0.93	20.94	53.75
		Lalra			0.34					NH	0.34	1.11	0.71	62.40	53.75
		Akhirganj								NH	NH	0.45		62.40	53.75
	Chittagong Hill Tracts.	Cox's Bazar								NH	NH	NH	1.04	120.70	53.75
		Chittagong								NH	NH	NH	1.04	120.42	53.75
		Antubdia								NH	NH	NH		122.37	53.75
		Kalkanya								NH	NH	NH		118.45	53.75
		Kangamati								NH	NH	NH	2.03	100.81	53.75
	Machherganje	Kuma								NH	NH	NH	2.67	89.76	53.75
		Patankhally								NH	NH	0.15	1.36	81.44	53.75
		Perozapore								NH	NH	NH	1.03	81.90	53.75
		Burraal						1.03	1.08	2	2.11	2.45	2.49	20.31	53.75
		Blinda					0.35			1	0.35	0.40		9.04	53.75

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 22nd of April 1887—contd.

Geographical Division.	District.	Station.	RAINFALL.							TOTAL		Total rain-fall since 1st of month.	Average total rain-fall from 1st of month.	Total rain-fall since 18th May 1886.	Average rainfall from 18th May to date.
			Saturday, 16th April.	Sunday, 17th April.	Monday, 18th April.	Tuesday, 19th April.	Wednesday, 20th April.	Thursday, 21st April.	Friday, 22nd April.	Number of rainy days.	of Rainfall week.				
T. BENGAL DIVISION.	Noakholly ..	Gournaddi Baulhal	0.40	0.58	2	1.04	1.29	60.82
		Noakholly	0.40	1	0.40	0.24	2.34	119.13	115.27
		Fenny	0.40	Nil	Nil	0.53	2.84	118.50	114.02
		Harishpore	0.86	1	0.86	0.55	147.41
	Farrakadpore..	Madaripore	Nil	Nil	0.56	100.42
		Farrakadpore..	0.08	1	0.08	0.38	2.40	72.25	62.44
		Goalundo	0.05	1	0.05	2.37	1.85	62.76	60.06
	Dacca ..	Munshigunge	0.70	1	0.70	0.83	3.30	101.67	70.04
		Dacca	1.21	0.85	1	1.91	2.82	70.26	65.34	65.34
		Nawabganj	0.51	1	0.51	0.81	2.50	80.85	80.85
		Joydebpore ..	0.43	1.90	2	2.33	2.17	65.11	53.86	53.86
Hill Tipperah ..	Agartala	3.72	1.15	2	4.87	1.87	2.35	78.10	69.80
	Comilla ..	.....	.....	.....	0.60	.....	.....	.....	2	0.60	0.81	3.36	94.13	83.04
	Chandpur ..	.....	.....	.....	1.10	.....	.....	.....	1	1.10	1.40	3.20	94.15	88.63
	Brahmanbaria ..	.....	.....	0.67	.....	.....	.....	.....	1	0.67	0.81	3.01	78.01	71.70
	Ramchandrapore ..	.....	.....	0.25	.....	.....	.....	.....	1	0.25	0.25	.....	72.03	.....
	Nasirabad ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.10	.....	63.57	.....
	Baoukandi ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	.....	.....	77.02	.....
	Kasba ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	.....	.....	77.02	.....
	Laksham ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	.....	.....	77.02	.....
	Mymensingh ..	Kishoreganj ..	0.51	0.50	2	1.01	3.01	1.57	81.50	70.05
Atia (Tangail) ..		0.07	.....	0.41	.....	.....	.....	.....	2	1.08	1.58	1.61	80.17	69.20
Mymensingh ..		.....	0.25	0.11	.....	.....	.....	.....	12	0.36	0.36	1.31	77.50	70.84
Jamalganj ..		0.15	.....	0.50	.....	.....	.....	.....	12	0.84	1.28	1.72	93.10	70.40
Netrokona ..		0.30	.....	0.2	.....	.....	.....	.....	12	1.22	1.22	1.22	83.87	74.34
Subornakhalij ..		0.57	.....	0.68	.....	.....	.....	.....	1	0.68	0.68	.....	54.14	.....
Durgapore ..		.....	.....	.....	.....	.....	.....	.....	1	0.47	0.87	.....	.....	.....
Dewanganj ..		1.01	.....	.....	.....	.....	.....	.....	1	1.01	1.11	.....	66.07	.....
Pubna ..	Pubna ..	.....	.....	0.72	.....	.....	.....	.....	1	0.72	1.03	1.81	70.02	68.76
	Sherpore ..	.....	.....	0.25	.....	.....	.....	.....	1	0.25	0.25	1.02	62.79	60.40
Hogra ..	Sherpore ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.03	71.06	61.15
	Nowkulla ..	.....	.....	0.50	.....	.....	.....	.....	1	0.50	0.70	0.70	68.05	64.01
	Bogra ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.2	1.1	70.50	66.88
	Panchbibi ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	.....	0.75	73.43	65.19
Rajshahy ..	Beaulah ..	.....	.....	0.20	.....	.....	.....	.....	1	0.20	0.60	0.60	65.07	64.87
	Natore ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	1.17	60.80	58.18
	Nowong ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.34	.....	73.74	.....
	Lalpor ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	.....	.....	65.49	.....
Maldah ..	Mande ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.35	.....	68.80	.....
	Maldah ..	.....	0.51	.....	.....	.....	.....	.....	1	0.51	2.2	0.68	75.23	67.44
	Chanchal ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.30	0.61	61.25	60.65
	Gajni ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	.....	.....	65.04	.....
Dinapore ..	Sibganj ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.20	.....	68.10	.....
	Mohadepore ..	0.25	.....	.....	.....	.....	.....	.....	1	0.25	0.75	0.97	81.30	57.41
	Churamon ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.65	0.25	64.18	61.57
	Kamunje ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.10	0.30	63.00	64.03
Bangpore ..	Imrapore ..	.....	0.51	.....	.....	.....	.....	.....	1	0.51	0.86	0.86	73.00	69.56
	Balochhat ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.24	0.31	61.41	48.50
	Bhawanganj ..	.....	0.15	.....	.....	.....	.....	.....	12	0.27	1.62	1.45	60.43	56.07
	(Gyabanda) ..	.....	.....	.....	.....	.....	.....	.....	2	0.81	0.98	1.40	71.02	77.57
Jalpaigore ..	Kumra ..	0.07	.....	.....	.....	.....	.....	.....	15	2.32	2.32	2.42	61.80	77.01
	Kurigram ..	0.38	0.12	.....	.....	.....	.....	.....	3	2.32	2.32	1.47	67.10	87.10
	Bagdora ..	0.08	.....	.....	.....	.....	.....	.....	1.82	.....	.....	.....	.....	.....
	Nilphamari	0.26	0.38	1.25	3	1.9	2.07	70.33
Ulupore ..	Jalpaigore ..	0.87	0.16	0.10	.....	.....	.....	0.71	4	1.93	2.55	2.15	153.03	110.07
	Alipore Duar ..	.....	.....	0.30	.....	0.25	1.24	0.41	4	2.28	2.28	.....	141.30	.....
	Falacatta ..	0.12	0.12	.....	.....	.....	.....	.....	3	1.90	2.54	.....	103.80	.....
	Debaganj ..	0.25	0.58	.....	.....	.....	.....	.....	3	2.80	2.55	.....	.....	.....
Onoh Behar ..	Dumatta ..	1.08	0.21	.....	0.51	.....	.....	.....	4	2.80	2.55	1.00	87.08	67.73
	Onoh Behar ..	0.82	0.20	0.25	.....	.....	.....	.....	4	2.50	2.53	3.13	115.34	123.04
	Mokilganj ..	0.15	0.41	.....	.....	.....	.....	.....	3	1.30	0.80	1.71	120.21	108.46
	Makbhanja ..	0.55	0.35	.....	1.01	.....	.....	.....	4	2.00	3.07	2.04	119.40	122.01
Darjeeling Hill.	Buxa ..	0.10	.....	.....	.....	.....	.....	.....	2	1.00	4.15	.....	237.72	201.23
	Siliguri ..	0.05	0.03	0.43	.....	.....	0.40	0.09	5	2.14	3.81	0.63	163.22	80.03
	Darjeeling ..	0.05	.....	0.02	0.05	.....	0.42	0.62	6	0.76	4.70	2.64	123.00	114.24
	Kalimpong ..	.....	.....	.....	0.06	.....	.....	0.10	2	0.16	2.5	1.30	78.00	61.31
S. BENGAL DIVISION.	Purneah ..	Kamalganj	Nil	Nil	0.10	0.62	108.50	68.55
		Arrah	Nil	Nil	0.08	0.87	92.01	63.66
		Purneah	0.08	1	0.08	1.48	0.60	95.38	61.90
		Gondwara	Nil	Nil
	North Bhagulpore.	Balarampore	2	0.24	1.02	80.88
		Masari ..	0.15	0.05	3	0.75	0.75
		Kataganj ..	0.15	0.31	0.31	1	0.31	0.00	0.30	61.00	40.77
		Mada-pore	Nil	Nil	2.05	0.25	62.16	47.01
	Darbhanga ..	Sunderbans ..	0.35	1	0.35	1.77	74.61
		Tajpore	Nil	Nil	0.32	0.10	74.01	42.20
		Darbhanga	Nil	Nil	0.0	0.32	58.34	45.70
		Vidhanan	Nil	Nil	0.70	0.61	68.71	44.45
Sunderbans ..	Mahera ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.01	.....	70.10	.....
	Kushera ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.45	.....	71.70	.....
	.....	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	.....	.....	.....	.....
	.....	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	.....	.....	.....	.....
Sunderbans ..	Sitamarhi ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.20	0.67	58.00	42.70
	Moudupore ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.02	0.3	60.02	45.50
	Haj-pore ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.00	0.10	60.47	42.13
	Pura ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.12	.....	61.40	.....
Sunderbans ..	Mahua ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	.....	.....	60.20	.....
	Sunderbans ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.45	.....	60.32	.....
	Sunderbans ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.20	.....	60.70	.....
	Sunderbans ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.70	0.40	51.00	41.24
Sunderbans ..	Moumari ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.82	0.30	70.04	40.07
	Bekah ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.35	.....	63.32	.....
	Bugaha ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	.....	.....	61.43	.....
	Burnpur ..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.70	.....	.....	.....

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 22nd of April 1887—*conold.*

Met. orological Division.	District.	Station.	RAINFALL.							TOTAL.		Total rain-fall since 1st of Month.	Average total rain-fall from 1st of Month.	Total rain-fall since 1st of May 1886.	Average rainfall from 1st May to date.
			Saturday, 16th April.	Sunday, 17th April.	Monday, 18th April.	Tuesday, 19th April.	Wednesday, 20th April.	Thursday, 21st April.	Friday, 22nd April.	Number of rainy days.	of Rainfall area.				
NORTH BHARH	Bhahabad	Chapra	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.17	0.03	61.70	457
		Chhapra	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.15	0.10	60.25	447
SOUTH BHARH	Bhahabad	Chhapra	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.15	0.10	60.25	447
		Chhapra	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.15	0.10	60.25	447
Gua	Gua	Surungabad	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.17	0.03	61.70	457
		Surungabad	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.17	0.03	61.70	457
Patna	Patna	Patna	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.13	0.17	60.47	417
		Patna	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.13	0.17	60.47	417
M. N. S. Y.	M. N. S. Y.	M. N. S. Y.	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.13	0.17	60.47	417
		M. N. S. Y.	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.13	0.17	60.47	417
South Bihar	South Bihar	South Bihar	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.13	0.17	60.47	417
		South Bihar	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.13	0.17	60.47	417
Santal Parganas	Santal Parganas	Santal Parganas	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.13	0.17	60.47	417
		Santal Parganas	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.13	0.17	60.47	417
CHUTTA PARGANA	CHUTTA PARGANA	CHUTTA PARGANA	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.13	0.17	60.47	417
		CHUTTA PARGANA	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.13	0.17	60.47	417
Lohardugga	Lohardugga	Lohardugga	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.13	0.17	60.47	417
		Lohardugga	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.13	0.17	60.47	417
Singbhum	Singbhum	Singbhum	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.13	0.17	60.47	417
		Singbhum	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.13	0.17	60.47	417
Manbhum	Manbhum	Manbhum	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.13	0.17	60.47	417
		Manbhum	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.13	0.17	60.47	417

Explanation.—Nil denotes that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting, the corresponding spaces in the total rainfall column are left blank.

CALCUTTA, the 22nd April 1887.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL FOR THE WEEK ENDING FRIDAY, THE 22ND OF APRIL 1887.

At the commencement of the past week the weather was slightly cooler than usual, and southerly or easterly winds prevailed over the whole of Bengal and Behar. The air was hence not so dry in Behar as it generally is in April. On the 18th westerly winds were re-established in Central and South Behar, and gradually extended eastwards. The day temperature hence increased rapidly in Behar, and the air became much drier, in consequence of which the night temperature at first decreased slightly, and began to rise again on the 20th and 21st. On the 18th, 19th and 20th the westerly winds in Behar gained rather rapidly in force, and instead of being continued across Chutia Nagpur as north-west winds, they forced their way across West into Central Bengal on the afternoon of the 20th, and produced an unusually rapid increase of temperature on the 21st and 22nd, and a very considerable decrease of humidity. The distribution of winds during that period was unusual. Southerly winds prevailed in South Bengal, south-east winds in the northern districts of East Bengal, easterly winds in North Bengal and North Behar, westerly and north-westerly winds in Central and South Behar and the northern districts of Chutia Nagpur, and in West and Central Bengal, and south-south-west and south-west winds in Orissa and at the mouth of the Hooghly. The winds were light and variable in direction in Central Bengal. In all other districts they were above their average force. These changes accompanied a rapid fall of the barometer during the week, which was greatest in the neighbourhood of the hills in Northern Bengal. Some local showers fell at the commencement of the week in the districts bordering on the hills in North and East Bengal, and also on the last day of the week in the same districts. The rainfall of the week was hence below the average over the whole of the province, excepting in Comillah, Mymensingh, Rungpore, Julpigoree, Cooch Behar and Darjeeling, and was practically nil over South-West and Central Bengal, Behar and Chutia Nagpur.

Pressure.—Gave way almost continuously during the week. The barometer was from .05" to .07" above its normal height at the commencement of the week. The fall was most rapid on the 17th and 18th. The total fall during the week averaged .23" in North Bengal and North Behar, .22" in South-West Bengal, .20" in East Bengal, Central Behar, and Orissa, .17" in South Behar, and .13" in Chutia Nagpur, where it was least. The mean pressure was hence considerably below the average pressure of the week. The deficiency was .06" in South and East Bengal and South Behar, .05" in Orissa and North Behar, and .03" in Chutia Nagpur.

Temperature.—The changes of temperature varied to an unusual extent in different parts of the province. In Eastern Bengal, and the northern districts of North Bengal, which received occasional showers during the week, the fluctuations were small, and the temperature at the end of the week was almost identical with what it was at the beginning of the week. Over the remainder of the province a considerable increase of temperature took place, which was most marked in South-West Bengal. In that division the maximum temperature at the end of the week was from 13° to 17° higher than at the commencement of the week, whilst the minimum night temperature increased from 1° to 5° in the same interval. The maximum temperature increased during the week in North Behar from 7° to 13°, in South Behar from 8° to 12°, in Chutia Nagpur 5°. The minimum temperature increased slightly in that area during the week (from 6° to 4°). The mean maximum temperature was slightly above the average in South Bengal and Orissa, and slightly below it in Behar and Chutia Nagpur. The unusual dryness of the air in South-West Bengal and Orissa during the latter half of the week reduced the night temperature below the average, but in Behar, Chutia Nagpur, East Bengal, and also at Darjeeling, the night temperature was from 1° to 3½° above it. It will thus be seen that the variations in the day and night temperature were opposite in character, and hence the mean temperature of the week differs very slightly from the normal. The mean temperature was practically normal in South-West Bengal and North Behar, 1° below the average in Orissa, and 1° above it in East Bengal, South Behar and Chutia Nagpur. The highest maximum temperature recorded in the province during the week was 106.9° at Cuttack and at Midnapore on the 22nd.

The following table gives temperature data for eight representative stations for the past week:—

Table showing the excess or defect of the actual temperature from the normal for the week ending 22nd April 1887.

	Normal mean maximum temperature for the week ending 22nd April 1887.	Actual mean maximum temperature for the week ending 22nd April 1887.	Variation of actual from normal.	Normal mean minimum temperature for the week ending 22nd April 1887.	Actual mean minimum temperature for the week ending 22nd April 1887.	Variation of actual from normal.	Normal mean daily temperature for the week ending 22nd April 1887.	Actual mean daily temperature for the week ending 22nd April 1887.	Variation of actual from normal.
Cuttack	101.6	102.4	+0.8	77.7	76.6	-1.1	89.7	89.5	-0.2
Calcutta	95.7	95.2	-0.5	76.7	75.5	-1.2	85.7	85.9	+0.2
Hardwar	100.7	100.4	-0.3	76.1	75.1	-1.0	88.4	88.7	+0.3
Imsoo	99.9	99.2	-0.7	75.9	74.9	-1.0	85.4	84.1	-1.3
Banmash	99.1	98.1	-1.0	75.7	73.3	-2.4	84.4	84.2	-0.2
Banmash	101.6	100.8	-0.8	75.8	73.9	-1.9	87.3	87.3	0
Banmash	97.6	97.5	-0.1	71.5	70.4	-1.1	84.5	83.5	-1.0
Darjeeling	63.5	61.7	-1.8	47.9	46.3	-1.6	55.7	55.0	-0.7

Humidity.—The chief feature in this element of meteorological observation was the very large decrease which accompanied the extension of westerly winds into Central Bengal on the 21st and 22nd. The influence of those winds was felt as far east as Jessore. The following data illustrate the unusual dryness of the air on these days in South-West and Central Bengal :—

STATION.	10 A.M. HUMIDITY.			
	Average April.	20th.	21st.	22nd.
Burdwan	42	38	25	10
Balasore	51	63	18	20
Midnapore	34	33	13	14
Calcutta	56	66	36	32
Krishnaghur	49	53	39	30
Jessore	63	67	54	57

Rainfall.—The rainfall of the week was not large, and was almost entirely confined to the northern districts of North Bengal and East Bengal. The Rungpore, Julpigoree, Cooch Behar, Purneah, and Darjeeling districts of North Bengal, and the Mymensingh district of East Bengal, received light to moderate showers on the 16th, 17th and 18th. The heaviest fall during this period was 1·03 inches at Dinhatta in Cooch Behar. Local showers fell in the southern districts of East Bengal on the 18th and 19th. Agartola received 3·72 inches on the 19th. Heavy showers fell in the northern districts of North Bengal on the evening of the 21st, when the Julpigoree district received an average of one inch. Kurigram (in Rungpore district) registered the largest amount, 1·82 inches, for that day. The only districts in which the rainfall of the week exceeded one inch are—Commillah (1·81 inches), Julpigoree and Cooch Behar (1·67 inches), and Darjeeling (1·24 inches). The Mymensingh, Rungpore, Dacca, and Backergunj districts received average amounts varying between half an inch and an inch. The rainfall in all other districts was very small, and was nil over the greater part of Behar.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Friday, the 22nd of April 1887 :—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.								RAINFALL.							
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 15th Mar 1886.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
Orissa	100°0	70°1	92°8	77°1	85°0	-0°0	0°13	0°44	-0°31	0°3	0°3	-0°5	0°50	0°96	63°41	50°61
North-West Bengal	100°0	68°7	97°4	75°7	86°5	-0°2	0°05	0°47	-0°42	0°3	0°0	-0°6	1°01	1°16	61°40	58°56
East Bengal	95°3	69°1	90°0	73°8	82°3	+0°7	0°73	0°80	-0°13	1°0	1°5	-0°5	0°97	2°27	88°13	80°74
North Bengal	90°4	66°7	83°5	73°3	83°4	-	0°62	0°58	+0°04	1°5	1°1	+0°4	1°05	1°33	81°06	72°50
North Behar	102°5	67°7	95°4	73°2	84°3	-0°4	0°01	0°13	-0°12	0°1	0°3	-0°2	0°75	0°38	69°12	64°61
South Behar	106°2	71°2	98°0	70°1	88°0	+1°0	0°02	0°13	-0°11	0°1	0°3	-0°2	0°75	0°34	68°47	63°69
Chutia Nagpur	100°0*	67°7*	97°5*	73°2*	85°4*	+1°0*	0°07	0°12	-0°05	0°5	0°4	+0°1	0°48	0°30	64°35	51°18

* Chyebassa not included.

METEOROLOGICAL OFFICE, BENGAL;
The 26th April 1887.

JOHN ELIOT,
Meteorological Reporter to the Govt. of Bengal.

Results of the Meteorological Observations taken at the Alipore Observatory from 17th to 23rd April 1887.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 49 Fahr.	TEMPERATURE.				HYGROMETRY.				Prevailing direction.	Winds received.	Rain.	WEATHER.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.				
1887.		°		inches.	°	°		°	°	inches.	°	%			inches.	
April	17th	150.7	10.7	29.797	84.2	93.2	18.8	74.4	77.4	0.860	74.3	74	SSW and S	...	131	Nil
"	18th	148.5	8.5	721	85.0	90.0	21.2	74.8	77.9	863	74.8	74	WSW and SSW	...	133	Partially cloudy, P.
"	19th	154.3	10.5	615	87.4	100.8	23.0	77.2	78.4	855	74.5	60	SSW and SW	...	138	Chiefly clear, P.
"	20th	155.6	10.2	647	87.9	101.4	23.2	78.2	76.8	781	71.8	61	SSW and WNW	...	143	Clear, P.
"	21st	153.5	8.2	621	87.0	102.0	21.8	77.2	74.7	601	68.2	68	WNW and SW by S	...	140	Clear, P.
"	22nd	155.2	10.0	605	87.8	102.0	25.3	75.7	72.9	613	64.7	61	WSW and N by W	...	142	Clear.
"	23rd	154.0	9.7	717	80.5	100.2	23.2	77.0	79.3	9.1	70.1	70	S and variable	...	145	Chiefly clear, P.

The mean pressure of the seven days	Inc. in.	29.683
The average pressure of the corresponding period for 24 years, S. G.'s Office		29.713
The total number of hours of bright sunshine	Hours	67.8
The maximum possible number of hours of sunshine		89.1
The mean temperature of the seven days	°	86.7
The average temperature of the corresponding period for 24 years, S. G.'s Office		84.6
The extreme variation of temperature		27.6
The maximum temperature		102.0
The highest velocity of the wind in one hour	Miles.	14
	Fts.	
The highest pressure of wind on one square foot		Not measurable.
The mean relative humidity	%	66
The average relative humidity of the corresponding period for 24 years, S. G.'s Office		70
The total fall of rain from 17th to 23rd April 1887	Inches.	Nil.
The average fall of the corresponding period for 24 years, S. G.'s Office		0.55
The total fall from 1st January to 23rd April 1887		5.24
The average fall of the corresponding period for 24 years, S. G.'s Office		4.03

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h, 10h, 16h, and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o overcast, g gloomy, Δ dew, = fog.

JOHN ELIOT,

For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, GOVT. OF INDIA;
Calcutta, the 25th April 1887.

**Results of the Thermometrical Observations taken at the Meteorological Office,
Chowringhee, from 17th to 23rd April 1887.**

MONTH.	Date.	TEMPERATURE.				Mean wet bulb.	HYGROMETRI.			Rain.
		Mean.	Maximum.	Range.	Minimum.		Vapour tension.	Dew point.	Humidity.	
1887.		°	°	°	°	°	Inches.	°	%	Inches.
April	17th	84.5	96.5	21.5	75.0	76.9	.824	78.4	70	Nil
"	18th	85.1	98.5	23.7	74.8	77.9	.860	74.7	71	"
"	19th	87.7	102.8	25.0	77.8	77.5	.807	72.8	62	"
"	20th	88.5	103.5	24.9	78.6	75.5	.709	69.0	53	"
"	21st	88.9	103.5	25.7	77.8	71.8	.661	61.7	41	"
"	22nd	87.5	103.5	28.7	74.8	71.1	.542	61.2	41	"
"	23rd	86.3	102.3	25.0	77.3	78.0	.848	74.8	67	"

The mean temperature of the seven days ... 86.9

The extreme variation of temperature ... 26.7

The maximum temperature ... 103.5

The mean relative humidity ... 58%

The total fall of rain from 17th to 23rd April 1887 ... Nil

The mean temperature and humidity are obtained by applying to the mean of the 10h, 16h, and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringhee, in past years.

METEOROLOGICAL OFFICE, INDIA.

The 25th April 1887.

JOHN ELIOT,

For Meteorological Reporter to the Govt. of India.

MEMORANDUM.

The table annexed to this memorandum shows—

1. That during the week ending 9th April 1887, the birth and death rates of the principal Municipalities in Bengal amounted to 19.9 and 30.7 per 1,000 of population, respectively, as opposed to 17.8 and 28.3 per 1000, respectively, in the preceding week ending 2nd April, indicating a fair advance in the registration of both the events.

2. That these events were returned at the highest rates by the following Municipalities:—

Births.			Deaths.		
		Ratio per mille.			Ratio per mille.
Comillah	...	61.6	Narsingunge	...	99.4
Beaulah	...	57.8	Serampore	...	74.6
Narsingunge	...	41.4	Gya	...	68.3
Durbhanga	...	34.6	Suburbs of Calcutta	...	52.9
Gya	...	32.1	Beaulah	...	39.4
Serampore	...	31.4	Utterpara	...	37.7
Monghyr	...	30.7	Puri	...	33.6
			Bali	...	31.6
			Comillah	...	30.8
			Burdwan	...	30.5
			Durbhanga	...	29.9

3. That the mortality from the principal diseases does not exhibit any noticeable difference in comparison with the death-rates from the same diseases during the preceding week; vide subjoined table:—

				Ratio per mille during the weeks ending—	
				9th April 1887.	2nd April 1887.
Cholera	...	...	...	11.2	11.2
Small-pox	...	...	...	5	2
Fever	...	...	...	9.6	8.6
Bowel-complaints	...	...	...	2.8	2.0
Injury	...	...	...	2	5
Other causes	...	...	...	6.5	5.8

4. That while only one town (Puri) exhibited fatal results from bowel complaint to a noticeable extent, viz. at the rate of 23.1 per 1,000 of population, and the casualties from injury were nowhere higher than normal, the undermentioned Municipalities returned the highest death-rates from the rest of the diseases, viz from cholera, small-pox, fever and the maladies classed under the head of "Other causes":—

Cholera.		Small-pox.		Fever.		Other causes.	
	Ratio per mille.		Ratio per mille.		Ratio per mille.		Ratio per mille.
Narsingunge	74.6	Gya	4.1	Beaulah	31.5	Serampore	17.7
Gya	34.8	Mozufferpore	3.6	Comillah	30.8	Gya	13.0
Serampore	33.3					Suburbs of	
Utterpara	28.3					Calcutta	10.1
Suburbs of							
Calcutta	23.6						
Bali	17.5						
Hughli	12.1						
Howrah	10.8						
Durbhanga	8.6						
Patna City	6.6						
Dacca	5.7						

5. That the mortality referable to Sex, Class and Age stood as noted below:—

According to Sex.		According to Class.		According to Age.	
	Ratio per mille.		Ratio per mille.		Ratio per mille.
Males	32.5	Christians	8.7	Under 1 year	173.2
Females	28.6	Hindus	31.9	1 and under 5 years	43.1
Ratio of male deaths to every 100 female deaths	128	Mahomedans	28.7	5 " " 10 " "	16.7
		Other classes	36.1	10 " " 15 " "	13.6
				15 " " 20 " "	25.6
				20 " " 30 " "	24.2
				30 " " 40 " "	25.3
				40 " " 50 " "	20.1
				50 " " 60 " "	23.9
				60 years and upwards	68.6

B. LIDDEKDALE, M.D., Deputy Surgeon-General.

Sanitary Commissioner for Bengal.

The 25th April 1887.

Statement showing the Results of the Registration of Births and Deaths in the Principal Municipalities in Bengal during the week ending 9th April 1887.

POPULATION.			BIRTHS.			DISEASE.										SEX.				
DISTRICTS.	NAMES OF MUNICIPALITIES.			NUMBER OF—	RATIO PER 1,000 OF POPULATION PER ANNUM.		DEATHS FROM—										RATIO PER 1,000 OF POPULATION PER ANNUM.		Ratio of male deaths to every 100 female deaths.	
	Males.	Females.	Total.		Total.	Males.	Females.	BRATHS FROM—					RATIO PER 1,000 OF POPULATION PER ANNUM.					Males.		Females.
								Small-pox.	Cow-pox.	Small-pox.	Measles.	Whooping-cough.	Injury.	Other diseases.	All causes.	Small-pox.	Measles.			
Ratio of male births to every 100 female births.																				
Ratio of deaths per 1,000 of population per annum in the previous week.																				
Ratio of deaths per 1,000 of population per annum.																				
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Ratio of deaths per																				

MORTALITY ACCORDING TO—

Age.

DISTRICTS.

NAMES OF MUNICIPALITIES.

DEATHS AMONG—

CLASS.

RATIO PER 1,000 OF POPULATION PER ANNUM.

DEATHS.

RATIO PER 1,000 OF POPULATION PER ANNUM.

Districts.	Christians.	Hindus.	Mahomedans.	Buddhists.	Other classes.	Christians.	Hindus.	Mahomedans.	Buddhists.	Other classes.	Under 1 year.										1 and under 5 years.										5 and under 10 years.										10 and under 15 years.										15 and under 20 years.										20 and under 30 years.										30 and under 40 years.										40 and under 50 years.										50 and under 60 years.										60 years and up.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
											Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and up.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and up.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and up.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Burdwan	...	16	4	35.1	20.3	4

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,
The 25th April 1887.R. LIDDERDALE, M.D., Deputy Surgeon-General,
Sanitary Commissioner for Bengal.

PUBLIC WORKS DEPARTMENT—BENGAL.

IRRIGATION BRANCH.

Statement showing heights over mean sea-level and low water in the Rivers Ganges, Bhagirathi, Jellinghee, and Brahmaputra, for the month of March 1887.

RIVER GANGES.																	RIVER BHAGIRATHI.		RIVER JELINGHEE.		RIVER BRAHMAPUTRA.	
Mirzapore.		Benares.		Buxar.		Dinapore.		Mouhry.		Sahibganje.		Rampore Benaulah.		Goolando.		Berhampore.		Krishnagur.		Gowhaty.		
Height over zero of gauge, sea-level.	Height over zero of gauge, sea-level.	Height over zero of gauge, sea-level.	Height over zero of gauge, sea-level.	Height over zero of gauge, sea-level.	Height over zero of gauge, sea-level.	Height over zero of gauge, sea-level.	Height over zero of gauge, sea-level.	Height over zero of gauge, sea-level.	Height over zero of gauge, sea-level.	Height over zero of gauge, sea-level.	Height over zero of gauge, sea-level.	Height over zero of gauge, sea-level.	Height over zero of gauge, sea-level.	Height over zero of gauge, sea-level.	Height over zero of gauge, sea-level.	Height over zero of gauge, sea-level.	Height over zero of gauge, sea-level.	Height over zero of gauge, sea-level.	Height over zero of gauge, sea-level.	Height over zero of gauge, sea-level.	Height over zero of gauge, sea-level.	
Below zero	Below zero	Below zero	Below zero	Below zero	Below zero	Below zero	Below zero	Below zero	Below zero	Below zero	Below zero	Below zero	Below zero	Below zero	Below zero	Below zero	Below zero	Below zero	Below zero	Below zero	Below zero	
200	204.52	0.64	104.16	1.67	170.72	7.60	101.83	1.00	100.83	0.83	67.17	0.35	42.35	1.00	9.24	4.75	46.40	2.50	11.59	1.10	147.64	
201	204.14	0.78	103.78	1.07	170.23	7.00	101.83	1.00	100.77	0.94	67.03	0.31	42.31	1.00	9.02	4.71	46.39	2.42	11.51	1.00	147.56	
202	203.97	0.75	103.65	1.53	170.05	7.00	101.83	1.53	100.68	1.17	66.83	0.27	42.27	1.00	8.84	4.71	46.35	2.35	11.04	1.00	147.48	
203	203.90	0.83	103.97	1.54	170.63	7.55	101.78	1.51	100.64	1.17	66.83	0.28	42.28	0.93	8.61	4.71	46.35	2.17	10.90	1.00	147.40	
204	203.80	0.68	103.80	1.50	170.85	7.55	101.78	1.51	100.64	1.25	66.87	0.17	42.17	0.93	8.61	4.71	46.35	2.15	10.81	1.50	147.33	
205	203.72	0.68	103.72	1.43	170.47	7.55	101.78	1.51	100.62	1.33	66.87	0.12	42.12	0.93	8.52	4.62	46.35	2.04	10.87	1.30	147.16	
206	203.64	1.00	103.64	1.42	170.47	7.45	101.63	1.42	100.43	1.32	66.83	0.04	42.04	0.93	8.53	4.58	46.35	2.04	10.85	1.0	147.54	
207	203.56	1.04	103.56	1.33	170.88	7.40	101.63	1.46	100.39	1.50	66.83	0.03	42.03	0.97	8.61	4.54	46.35	2.08	10.57	0.70	147.0	
208	203.47	1.18	103.47	1.17	170.22	7.40	101.63	1.24	100.31	1.50	66.80	0.04	42.04	0.83	8.77	4.53	46.35	2.01	11.00	0.65	146.91	
209	203.39	1.31	103.39	1.00	170.05	7.40	101.63	1.07	100.27	1.57	66.83	0.01	42.01	1.09	10.42	4.50	46.35	2.01	11.37	0.60	146.86	
210	203.30	1.42	103.30	1.00	170.05	7.40	101.63	1.07	100.14	1.75	66.83	0.02	42.02	1.09	10.35	4.49	46.35	2.12	11.31	0.60	146.78	
211	203.21	1.50	103.21	0.83	169.87	7.40	101.63	1.71	100.14	1.75	66.83	0.02	42.02	2.00	10.46	4.49	46.35	2.29	12.03	1.00	146.68	
212	203.13	1.60	103.13	0.83	169.87	7.40	101.63	1.70	100.06	1.83	66.87	0.00	42.00	2.53	11.19	4.54	46.35	2.31	12.00	1.00	146.60	
213	203.05	1.69	103.05	0.83	169.88	7.40	101.63	1.83	100.03	1.83	66.87	0.00	42.00	2.53	11.13	4.54	46.35	2.41	11.92	1.00	146.52	
214	202.97	1.65	102.97	0.83	169.84	7.40	101.63	1.71	100.14	1.93	66.80	0.00	42.00	2.23	11.19	4.54	46.35	2.37	11.16	0.75	146.51	
215	202.89	1.67	102.89	0.75	169.60	7.35	101.59	1.82	99.93	2.00	66.90	0.00	42.00	2.23	11.19	4.50	46.35	2.09	10.57	0.70	146.46	
216	202.80	1.71	102.80	0.75	169.60	7.35	101.59	1.82	99.89	2.08	66.83	0.00	41.98	2.03	11.02	4.49	46.35	1.83	10.63	0.60	146.38	
217	202.72	1.78	102.72	0.47	169.50	7.35	101.59	1.93	99.89	2.08	66.83	0.17	41.83	2.03	11.02	4.49	46.35	1.83	10.63	0.60	146.38	
218	202.64	1.79	102.64	0.47	169.50	7.35	101.59	1.93	99.89	2.08	66.83	0.17	41.83	2.03	11.02	4.49	46.35	1.83	10.63	0.60	146.38	
219	202.56	1.83	102.56	0.47	169.50	7.35	101.59	2.00	99.85	2.17	66.83	0.28	41.73	1.97	10.61	4.49	46.35	1.83	10.63	0.60	146.38	
220	202.47	1.87	102.47	0.47	169.50	7.35	101.59	2.00	99.85	2.17	66.83	0.28	41.73	1.97	10.61	4.49	46.35	1.83	10.63	0.60	146.38	
221	202.39	1.90	102.39	0.47	169.50	7.35	101.59	2.00	99.85	2.17	66.83	0.28	41.73	1.97	10.61	4.49	46.35	1.83	10.63	0.60	146.38	
222	202.30	1.93	102.30	0.47	169.50	7.35	101.59	2.00	99.85	2.17	66.83	0.28	41.73	1.97	10.61	4.49	46.35	1.83	10.63	0.60	146.38	
223	202.21	1.98	102.21	0.47	169.50	7.35	101.59	2.00	99.85	2.17	66.83	0.28	41.73	1.97	10.61	4.49	46.35	1.83	10.63	0.60	146.38	
224	202.13	2.00	102.13	0.47	169.50	7.35	101.59	2.00	99.85	2.17	66.83	0.28	41.73	1.97	10.61	4.49	46.35	1.83	10.63	0.60	146.38	
225	202.05	2.03	102.05	0.47	169.50	7.35	101.59	2.00	99.85	2.17	66.83	0.28	41.73	1.97	10.61	4.49	46.35	1.83	10.63	0.60	146.38	
226	201.97	2.06	101.97	0.47	169.50	7.35	101.59	2.00	99.85	2.17	66.83	0.28	41.73	1.97	10.61	4.49	46.35	1.83	10.63	0.60	146.38	
227	201.89	2.09	101.89	0.47	169.50	7.35	101.59	2.00	99.85	2.17	66.83	0.28	41.73	1.97	10.61	4.49	46.35	1.83	10.63	0.60	146.38	
228	201.80	2.10	101.80	0.47	169.50	7.35	101.59	2.00	99.85	2.17	66.83	0.28	41.73	1.97	10.61	4.49	46.35	1.83	10.63	0.60	146.38	
229	201.72	2.13	101.72	0.47	169.50	7.35	101.59	2.00	99.85	2.17	66.83	0.28	41.73	1.97	10.61	4.49	46.35	1.83	10.63	0.60	146.38	
230	201.64	2.16	101.64	0.47	169.50	7.35	101.59	2.00	99.85	2.17	66.83	0.28	41.73	1.97	10.61	4.49	46.35	1.83	10.63	0.60	146.38	
231	201.56	2.19	101.56	0.47	169.50	7.35	101.59	2.00	99.85	2.17	66.83	0.28	41.73	1.97	10.61	4.49	46.35	1.83	10.63	0.60	146.38	
232	201.47	2.22	101.47	0.47	169.50	7.35	101.59	2.00	99.85	2.17	66.83	0.28	41.73	1.97	10.61	4.49	46.35	1.83	10.63	0.60	146.38	
233	201.39	2.25	101.39	0.47	169.50	7.35	101.59	2.00	99.85	2.17	66.83	0.28	41.73	1.97	10.61	4.49	46.35	1.83	10.63	0.60	146.38	
234	201.30	2.28	101.30	0.47	169.50	7.35	101.59	2.00	99.85	2.17	66.83	0.28	41.73	1.97	10.61	4.49	46.35	1.83	10.63	0.60	146.38	
235	201.21	2.31	101.21	0.47	169.50	7.35	101.59	2.00	99.85	2.17	66.83	0.28	41.73	1.97	10.61	4.49	46.35	1.83	10.63	0.60	146.38	
236	201.13	2.34	101.13	0.47	169.50	7.35	101.59	2.00	99.85	2.17	66.83	0.28	41.73	1.97	10.61	4.49	46.35	1.83	10.63	0.60	146.38	
237	201.05	2.37	101.05	0.47	169.50	7.35	101.59	2.00	99.85	2.17	66.83	0.28	41.73	1.97	10.61	4.49	46.35	1.83	10.63	0.60	146.38	
238	200.97	2.40	100.97	0.47	169.50	7.35	101.59	2.00	99.85	2.17	66.83	0.28	41.73	1.97	10.61	4.49	46.35	1.83	10.63	0.60	146.38	
239	200.89	2.43	100.89	0.47	169.50	7.35	101.59	2.00	99.85	2.17	66.83	0.28	41.73	1.97	10.61	4.49	46.35	1.83	10.63	0.60	146.38	
240	200.80	2.46	100.80	0.47	169.50	7.35	101.59	2.00	99.85	2.17	66.83	0.28	41.73	1.97	10.61	4.49	46.35	1.83	10.63	0.60	146.38	
241	200.72	2.49	100.72	0.47	169.50	7.35	101.59	2.00	99.85	2.17	66.83	0.28	41.73	1.97	10.61	4.49	46.35	1.83	10.63	0.60	146.38	
242	200.64	2.52	100.64	0.47	169.50	7.35	101.59	2.00	99.85	2.17	66.83	0.28	41.73	1.97	10.61	4.49	46.35	1.83	10.63	0.60	146.38	
243	200.56	2.55	100.56	0.47	169.50	7.35	101.59	2.00	99.85	2.17	66.83	0.28	41.73	1.97	10.61	4.49	46.35	1.83	10.63	0.60	146.38	
244	200.47	2.58	100.47	0.47	169.50	7.35	101.59	2.00	99.85	2.17	66.83	0.28	41.73	1.97	10.61	4.49	46.35	1.83	10.63	0.60	146.38	
245	200.39	2.61	100.39	0.47	169.50	7.35	101.59	2.00	99.85	2.17	66.83	0.28	41.73	1.97	10.61	4.49	46.35	1.83	10.63	0.60	146.38	
246	200.30	2.64	100.30	0.47	169.50	7.35	101.59	2.00	99.85	2.17	66.83	0.28	41.73	1.97	10.61	4.49	46.35	1.83	10.63	0.60	146.38	
247	200.21	2.67	100.21	0.47	169.50	7.35	101.59	2.00	99.85	2.17	66.83	0.28	41.73	1.97	10.61	4.49	46.35	1.83	10.63	0.60	146.38	
248	200.13	2.70	100.13	0.47	169.50	7.35	101.59	2.00	99.85	2.17	66.83	0.28	41.73	1.97	10.61	4.49	46.35	1.83	10.63	0.60	146.38	
249	200.05	2.73	100.05	0.47	169.50	7.35	101.59	2.00	99.85	2.17	66.83	0.28	41.73	1.97	10.61	4.49	46.35	1.83	10.63	0.60	146.38	
250	199.97	2.76	199.97	0.47	169.50	7.35	101.59	2.00	99.85	2.17	66.83	0.28	41.73	1.97	10.61	4.49	46.35	1.83	10.63	0.60	146.38	

C. W. I. HARRISON, Lieut.-Col., R. E.,

Offg. Secretary to the Government of Bengal.

The 26th April 1887.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Statements showing quantities of Goods carried during the month of February 1887.

ORISSA CIRCLE.

TALDUNDAH CANAL SYSTEM.

LENGTH OF CANAL OPEN { TALDUNDAH CANAL, 27 MILES.
 MACHIGONG " 4 "

Number of boats or rafts.	DESCRIPTION.	TOTAL GOVERNMENT AND PRIVATE.				PRIVATE.		REMARKS.
		Quantity—Tons.			Value.	Quantity.	Value.	
		Up.	Down.	Total.	Rupees.	Tons.	Rupees.	
Details not furnished.	1. Grain ...	.....	123	123	3,098	123	3,098	
	2. Cotton ...	.....	.....	.....	.....	.....	.....
	3. Oilseeds ...	.....	.....	.....	.....	.....	.....
	4. Salt ...	.....	...	.....	.....	.....	.....
	5. Piece-goods ...	.....	.....	.....	.....	.....	.....
	6. Metal ...	.....	103	103	78	103	78	
	7. Building materials	.....	918	918	1,747	30	110	
	8. Miscellaneous ...	7	24	31	10,080	7	80	
	9. Fuel ...	.....	21	21	130	21	130	
	10. Timber ...	.....	121 No	121 No.	196	121 No.	196	
	11. Bamboos ...	.....	27,900 „	27,900 „	417	27,900 „	417	
203	12. Total ...	7	1 189 & 28,021 No	1 196 & 28,021 No.	15,746	184 & 28,021 No	4,109	
107	13. Total of same month last year ...	...	...	453	10,806	283	7,513	

	Up.	Down.	Total.		Rs. A. P.
Total number of boats plying cargo No.	111	94	205	Total tollage of month— 24 + 25 + 26 ...	559 8 2
Total number of boats plying passenger No.	16	16	32	Total tollage of same month last year ...	304 5 6
Total registered tonnage, cargo ...	1,114	2,093	3,207	<i>Memorandum of Tollage.</i>	
Total registered tonnage, passenger ...	516	423	969		
Ten-mileage ...	18,348	33,975	52,323		
Estimated value of cargo Rs.	10,000	5,133	15,133		
Number of passengers No.	1,570	83	1,653		
Rafts, bamboos c. ft.	...	...	...
Do., bullahs "	...	...	...
Estimated value of rafts Rs.	...	613	613		
Tollage on boats "	156-8-6	374-8-0	531-0-6		
Compounded tollage on boats ... Rs.	...	...	...
Tollage on rafts "	...	28-7-8	28-7-8		
Total tollage on boats per ton-mile	...	...	2-05 pie		
Total tollage on rafts per 100 cubic feet ...	...	...	...
				1. Balance not recovered on the 1st of the month ...	123 12 0
				2. Tollage per month ...	559 8 2
				3. Total ...	683 4 2
				4. Amount credited in the accounts of the month ...	609 8 8
				5. Balance due at the end of the month ...	73 11 6

KENDRAPARA CANAL SYSTEM.
LENGTH OF CANAL OPEN, 75 MILES.

Number of boats or rafts.	DESCRIPTION.	TOTAL GOVERNMENT AND PRIVATE.			PRIVATE.		REMARKS.
		Quantity—Tons.			Quantity.	Value.	
		Up.	Down.	Total.	Tons.	Rupees.	
192	1. Grain ...	491	712	1,203	1,203	74,280	
.....	2. Cotton ...	.....	.....	.....	.....	.....
16	3. Oilseeds ...	.....	238	238	238	32,200	
5	4. Salt ...	14	13	27	27	1,930	
.....	5. Piece-goods ...	.....	.....	.....	.....	.....
.....	6. Metal ...	.....	.....	.....	.....	.....
40	7. Building materials ...	14	402	416	178	2,630	
171	8. Miscellaneous ...	715	345	1,060	975	86,240	
4	9. Fuel ...	54	4	58	56	580	
24 rafts	10. Timber ...	61 No.	4,311 No.	4,372 No.	4,372 No.	7,440	
64 „	11. Bamboos ...	.....	65,000 „	65,000 „	65,000 „	1,490	
428 & 58 rafts.	12. Total ...	1,288 & 61 No.	1,714 & 69,311 No.	3,002 & 69,372 No.	2,677 & 69,372 No.	2,06,790	
890	13. Total of same month last year ...	.....	.....	3,301	3,069	2,85,800	2,84,980
		Up.	Down.	Total.			Rs. A. P.
14.	Total number of boats plying cargo No.	238	190	428	Total tollage of month— 24 + 25 + 26 ...		4,769 10
15.	Total number of boats plying passenger No.	48	44	92	Total tollage of same month last year ...		5,405 11
16.	Total registered tonnage, cargo ...	1,288	1,714	3,002	Memorandum of Tollage.		
17.	Total registered tonnage, passenger ..	1,303	911	2,214			
18.	Ton-mileage ...	90,829	92,946	1,83,275			
19.	Estimated value of cargo Rs.	60,740	137,120	1,97,860			Rs. A. P.
20.	Number of passengers No.	2,760	1,812	4,572	1. Balance not recovered on the 1st of the month ...		2,943 6 11
21.	Rafts, timbers c. ft.	61	4,311	4,372	2. Tollage per month ...		4,769 10
22.	Do, bamboos ..	.....	65,000	65,000			
23.	Estimated value of rafts Rs.	150	8,780	8,930			
24.	Tollage on boats „	2,057-8-1	2,277-7-7	4,334-15-8	3. Total ...		7,713 1
25.	Compounded tollage on boats ...	.....	.....	.....
26.	Tollage on rafts „	5-2-6	429-8-6	434-11-0	4. Amount credited in the accounts of the month ...		2,196 5
27.	Total tollage on boats per ton-mile ...	.....	.....	0-0-4-0			
28.	Total tollage on rafts per 100 cubic feet ...	.....	.....	0-10-0	5. Balance due at the end of the month ...		5,516 12

HIGH LEVEL CANAL, RANGE I.

LENGTH OF CANAL OPEN, 33 MILES.

Number of boats or rafts.	DESCRIPTION.	TOTAL GOVERNMENT AND PRIVATE.				PRIVATE.		REMARKS.
		Quantity—Tons			Value.	Quantity.	Value.	
		Up.	Down.	Total.	Rupees.	Tons.	Rupees.	
104	1. Grain ...	269	.....	269	21,880	269	21,880	
1	2. Cotton ...	.....	2	2	500	2	500	
	3. Oilseeds ...	.....	.....	.....	.....	.....	.....
33	4. Salt ...	.....	61	61	5,100	61	5,100	
	5. Piece-goods ...	.....	.....	.....	.....	.....	.....
	6. Metal ...	.....	.....	.....	.....	.....	.....
20	7. Building materials ...	27	165	192	220	20	220	
82	8. Miscellaneous ...	177	54	231	23,340	231	23,340	
18	9. Fuel ...	108	.....	108	450	108	450	
10 rafts	10. Timber ...	3,440 No.	.....	3,440 No.	7,500	3,440 No.	7,500	
2 "	11. Bamboos ...	.....	9,000 No.	9,000 "	190	9,000 "	190	
258 & 2 rafts.	12. Total ...	581 & 3,440 No.	282 & 9,000 No.	863 & 12,440 No.	59,250	700 & 12,440 No.	59,180	
630	13. Total of same month last year ...	.....	.....	1,003	72,550	1,003	72,550	

	Up.	Down.	Total.		Rs. A. P.
1. Total number of boats plying cargo No.	185	73	258	Total tollage of month— 24 + 25 + 26 ...	902 8 0
2. Total number of boats plying passenger No.	2	.....	2	Total tollage of same month last year ...	1,049 0 0
3. Total registered tonnage, cargo ...	581	282	863	Memorandum of Tollage.	
4. Total registered tonnage, passenger ...	5	.....	5		
5. Ton-mileage ...	14,092	4,203	18,295		
6. Estimated value of cargo Rs.	39,140	12,420	51,560		Rs. A. P.
7. Number of passengers No.	2	...	2	1. Balance not recovered on the 1st of the month ...	410 4 9
8. Rafts, timbers c. ft.	3,440	...	3,440	2. Tollage per month ...	902 8 0
9. Do., bamboos "	.....	9,000	9,000	3. Total ...	1,312 12 9
10. Estimated value of rafts Rs.	7,500	190	7,690	4. Amount credited in the accounts of the month ..	1,081 4 3
11. Tollage on boats "	297-15-6	182-2-9	480-2-3	5. Balance due at the end of the month ...	231 8 0
12. Compounded tollage on boats Rs.	.....	.....	.....
13. Tollage on rafts "	413-14-9	8-7-0	422-5-9		
14. Total tollage on boats per ton-mile ...	.....	.....	0-0-5-0		
15. Total tollage on rafts per 100 cubic feet ...	.....	.....	3-6-5		

HIGH LEVEL CANAL, RANGE II.

LENGTH OF CANAL OPEN, 12½ MILES.

Number of boats or rafts.	DESCRIPTION.	TOTAL GOVERNMENT AND PRIVATE.				PRIVATE.		REMARKS.
		Quantity—Tons.			Value.	Quantity.	Value.	
		Up.	Down.	Total.	Rupces.	Tons.	Rupces.	
43	1. Grain ...	267	8	275	7,164	275	7,168	
1	2. Cotton ..	2	.....	2	300	2	300	
20	3. Oilseeds ...	.....	105	105	5,558	105	5,558	
2	4. Salt ...	.....	12	12	875	12	875	
15	5. Piece-goods ...	.....	41	41	5,770	4	5,770	
.....	6. Vetal ...	.....	.....	.....	.....	.....	.....
49	7. Building materials ...	.....	823	823	268	2	90	
159	8. Miscellaneous ...	557	144	701	2,825	249	2,771	
18	9. Fuel ...	.....	223	223	313	.....	.....
17	10. Timber ...	.....	7	7	3,932	7	3,932	
8	11. Bamboos ...	.....	.....	.....	300	.....	300	
332	12. Total ...	826	1,363	2,189	27,309	656	26,764	
749	13. Total of same month last year ...	.....	.....	763	39,375	485	38,599	

	Up.	Down.	Total.		Rs. A. P.
14. Total number of boats plying cargo No.	157	175	332	Total tollage of month— 24 + 25 + 26 ..	390 5 6
15. Total number of boats plying passenger No.		3	3	Total tollage of same month last year ...	589 13 9
16. Total registered tonnage, cargo ...	826	1,363	2,189	<i>Memorandum of Tollage.</i>	
17. Total registered tonnage, passenger ...		6	6		
18. Ton-mileage ...	12,960	16,380	29,340		
19. Estimated value of cargo Rs	7,138	15,626	22,764		Rs. A. P.
20. Number of passengers No.	42	74	116	1. Balance not recovered on the 1st of the month ...	40 2 9
21. Rafts, bamboos c. ft.	.....	7,500	7,500	2. Tollage per month ..	390 5 6
22. Do, bullahs ..	.....	1,410	1,410	3. Total ...	480 8 3
23. Estimated value of rafts Rs.	.....	4,545	4,545	4. Amount credited in the accounts of the month ...	398 7 0
24. Tollage on boats ..	97-13-3	190-10-3	288-7-6	5. Balance due at the end of the month ...	32 1 8
25. Compounded tollage on boats ... Rs.	.....	.....	.....
26. Tollage on rafts ..	.....	101-14-0	101-14-0		
27. Total tollage on boats per ton-mile ...	.....	.....	0-0-2		
28. Total tollage on rafts per 100 cubic feet ...	.....	.....	1-3-4		

HIGH LEVEL CANAL, RANGE III.

LENGTH OF CANAL OPEN, 19 MILES.

Number of boats plying.	DESCRIPTION.	TOTAL GOVERNMENT AND PRIVATE.			PRIVATE		REMARKS.
		Quantity—Tons.			Value.	Quantity.	
		Up.	Down.	Total.	Rupees.	Tons.	
27	1. Grain ...	160	.....	160	4,566	160	4,566
	2. Cotton ...	.....	.....	.....	.....	.....	.....
1	3. Oilseeds ...	.....	4	4	114	4	114
1	4. Salt ...	5	.....	5	260	5	260
	5. Piece-goods ...	.....	.....	.....	.....	.....	.....
	6. Metal ...	.....	.....	.....	.....	.....	.....
33	7. Building materials ...	17	542	559	741	.....	.....
64	8. Miscellaneous ...	204	95	299	3,144	102	3,144
	9. Fuel ...	.....	.....	.....	.....	.....	.....
	10. Timber ...	.....	.....	.....	.....	.....	.....
	11. Bamboos ...	.....	.....	.....	.....	.....	.....
26	12 Total ...	386	641	1,027	8,825	271	8,084
09	13. Total of same month last year ...	.....	.....	189	16,552	189	16,552

	Up.	Down.	Total.		Rs. A. P.
Total number of boats plying cargo No.	61	65	126	Total tollage of month— 24 + 25 + 26 ...	165 2 3
Total number of boats plying passenger No.	.....	.....	.....	Total tollage of same month last year ...	217 10 9
Total registered tonnage, cargo ...	386	641	1,027	<i>Memorandum of Tollage.</i>	
Total registered tonnage, passenger ...	.....	.....	.....
Ton-mileage ...	2,722	4,454	7,176		
Estimated value of cargo Rs.	4,833	3,992	8,825		Rs. A. P.
Number of passengers No.	79	38	117	1. Balance not recovered on the 1st of the month ...	4 4 3
Rafts, bamboos c. ft.	.....	.....	.....	2. Tollage per month ...	165 2 3
Do., bullahs "	.....	.....	.....	3. Total ...	169 6 6
Estimated value of rafts Rs.	.....	.....	.....	4. Amount credited in the accounts of the month ...	156 13 0
Tollage on boats "	51-1-9	114-0-6	165-2-3	5. Balance due at the end of month ...	
Compounded tollage on boats Rs.	.....	.....	.....
Tollage on rafts "	.....	.....	.....
Total tollage on boats per ton-mile ...	.....	.....	0-0-4.4		
Total tollage on rafts per 100 cubic feet ..	.....	.....	.....

SOUTH-WESTERN CIRCLE.

MIDNAPORE CANAL.

LENGTH OF CANAL OPEN, 53 MILES.

Number of boats or rafts.	DESCRIPTION.	TOTAL GOVERNMENT AND PRIVATE.				PRIVATE.	
		Quantity—Tons.			Value.	Quantity.	Value.
		Up.	Down.	Total.	Rupees.	Tons.	Rupees.
1,048	1. Grain ...	5,995	485	6,480	2,55,101	6,480	2,55,101
...	2. Cotton ...	.....	...	...	.....	.....	.....
11	3. Oilseeds ...	4	58	62	5,900	62	5,900
72	4. Salt ...	.....	711	711	56,600	711	56,600
7	5. Piece-goods ...	2	8	10	27,000	10	27,000
6	6. Metal ...	9	2	11	7,700	11	7,700
63	7. Building materials ...	52	467	519	2,617	230	1,204
311	8. Miscellaneous ...	529	361	890	2,36,339	890	2,36,339
25	9. Fuel ...	109	190	299	2,869	299	2,869
36 rafts	10. Timber ...	8,974 c. ft.	257 c. ft.	9,231 c. ft.	2,379	9,231 c. ft.	2,379
6 "	11. Bamboos ...	36 "	704 "	740 "	95	740 "	95
1,543 and 42 rafts	12. Total ...	6,700 and 9,010 c. ft.	2,282 and 961 c. ft.	8,982 and 9,971 c. ft.	5,96,600	3,693 and 9,971 c. ft.	5,95,187
2,751	13. Total of same month last year ...			9,467	6,12,538	9,467	6,12,538

	Up.	Down.	Total.		Rs.
14. Total number of boats plying cargo No.	1,173	370	1,543	Total tollage of month— 24 + 25 + 26 ...	9,404
15. Total number of boats plying passenger No.	580	765	1,354	Total tollage of same month last year	} 8,998
15½. Total number of boats plying empty No.	339	784	1,123	Tolls ... Rs. A. P. Coy.'s steamer 560 9 0	
16. Total registered tonnage, cargo ...	15,498	5,137	20,635	Memorandum of Tollage.	
17. Total registered tonnage, passenger ...	3,215	3,127	6,342		
17½. Total registered tonnage, empty ...	975	2,923	3,898		Rs.
18. Ton-mileage	4,20,594	1,91,262	6,11,856	1. Balance not recovered on the 1st of the month	2,158
19. Estimated value of cargo Rs.	3,03,316	2,90,810	5,94,126		
20. Number of passengers No.	4,962	8,820	13,782		
21. Rafts, bamboos c. ft.	36	704	740	2. Tollage per month ...	9,404
22. Do., bullahs "	8,974	257	9,231		
23. Estimated value of rafts Rs.	1,993	481	2,474	3. Total ...	11,563
24. Tollage on boats "	5,732 6-6	2,381-1-0	8,113 7-6		
25. Compounded tollage on boats ... Rs.	.....	.....	1,200		
26. Tollage on rafts "	87-2-9	4-4-6	91-7-3	4. Amount paid into treasury during the month	8,462
27. Total tollage on boats per ton-mile Pie	.....	.....	2-9		
28. Total tollage on rafts per 100 cubic feet ...	.....	.....	0-14-0	5. Balance due at the end of the month	3,100

HIDGELLER TIDAL CANAL.

LENGTH OF CANAL OPEN, 29 MILES.

Number of boats or rafts.	DESCRIPTION.	TOTAL GOVERNMENT AND PRIVATE.			PRIVATE.		REMARKS.
		Quantity—Tons.		Value.	Quantity.	Value.	
		Up.	Down.	Total. Rupees.	Tons.	Rupees.	
552	1. Grain ...	2,923	3	2,926	1,12,095	2,926	1,12,095
.....	2. Cotton ...	.....	.....	.....	.....	.....	.....
.....	3. Oilseeds ...	.....	.....	.....	.....	.....	.....
17	4. Salt ...	.....	158	158	11,125	158	11,125
5	5. Piece-goods ...	.....	10	10	7,125	10	7,125
1	6. Metal ...	.....	1	1	300	1	300
15	7. Building materials ...	5	86	91	755	16	185
672	8. Miscellaneous ...	193	212	405	41,834	394	40,934
12	9. Fuel ...	21	83	104	732	72	507
3 rafts	10. Timber ...	589 c. ft.	91 c. ft.	680 c. ft.	2,615	680 c. ft.	2,615
5 "	11. Bamboos ...	350 "	925 "	1,275 "	130	575 "	60
274 & 5 rafts	12. Total ...	3,142 & 939 c. ft.	553 & 1,016 c. ft.	3,695 & 1,955 c. ft.	1,76,711	3,577 & 1,255 c. ft.	1,74,946
1,715	13. Total of same month last year ...	.....	.....	4,009	1,96,273	3,973	1,95,588
		Up.	Down.	Total.			Rs. A. P.
Total number of boats plying cargo No.		655	619	1,274	Total tollage of month— 24 + 25 + 26 ...		3,031 7 9
Total number of boats plying passenger No.		35	43	78	Total tollage of same month last year		3,583 5 0
Total registered tonnage, cargo ...		6,574	3,291	9,865	Memorandum of Tollage.		
Total registered tonnage, passenger ...		116	148	264			
Ton-mileage ...		1,16,150	55,445	1,71,595	Rs. A. P.		
Estimated value of cargo Rs.		1,21,045	52,921	1,73,966	1. Balance not recovered on the 1st of the month ...		
Number of passengers No.		271	314	585	886 4 0		
Rafts, bamboos c. ft.		350	925	1,275	2. Tollage per month ...		
Do., bullahs "		589	91	680	3,031 7 9		
Estimated value of rafts Rs.		2,330	415	2,745	3. Total ...		
Tollage on boats "		2,039-9-0	970-2-6	3,009-11-6	3,917 11 9		
Compounded tollage on boats ... Rs.		.....	.....	.....	4. Amount paid into treasury during the month ...		
Tollage on rafts "		14-0-0	7-12-3	21-12-3	2,848 7 0		
Total tollage on boats per ton-mile ...		.....	.....	0-0-3			
Total tollage on rafts per 100 cubic feet ...		.....	.....	1-1-9	5. Balance due at the end of the month ...		
					1,069 4 9		

SONE CIRCLE.

PATNA CANAL SYSTEM.

LENGTH OF CANAL OPEN, 86½ MILES.

Number of boats or rafts.	DESCRIPTION.	TOTAL GOVERNMENT AND PRIVATE.				PRIVATE.		REMARKS.
		Quantity—Tons.			Value.	Quantity.	Value.	
		Up.	Down.	Total.	Rupees.	Tons.	Rupees.	
.....	1. Grain	.....	.....	.....	.....	.....	.....
1	2. Cotton	1	2	3	2,507	3	2,507	
4	3. Oilseeds	.....	24	24	2,380	24	2,380	
1	4. Salt	23	.....	23	2,888	23	2,888	
15	5. Piece-goods	51	33	84	25,953	84	25,953	
.....	6. Metal	14	.....	14	4,644	14	4,644	
57	7. Building materials	.....	509	509	2,154	127	944	
55	8. Miscellaneous	102	296	398	71,093	355	71,045	
11	9. Fuel { boats	119	.....	119	1,644	117	1,619	
	{ rafts	.....	50	50	136	50	136	
1	10. Timber { boats	4	.....	4	250	4	250	
	{ rafts	.....	296	296	3,002	296	3,002	
1	11. Bamboos { boats	2	.....	2	50	2	50	
	{ rafts	11	700	711	11,608	711	11,608	
146	12. Total	327	1,910	2,237	1,28,309	1,810	1,27,026	
198	13. Total of same month last year	.....	.....	2,695	50,991	2,686	50,941	
		Up.	Down.	Total.				Rs. A.
14.	Total number of boats plying cargo No.	47	99	146	Total tollage of month— 24 + 25 + 26			1,596 1
15.	Total number of boats plying passenger No.	6	9	15				
15½.	Total number of empty boats No.	98	11	109	Total tollage of same month last year			993 9
16.	Total registered tonnage, cargo	477	1,361	1,838				
17.	Total registered tonnage, passenger	117	118	235				
17½.	Total registered tonnage of empty boats	378	33	411	Memorandum of Tollage.			
18.	Ton-mileage	50,407	85,504	1,35,911				Rs. A.
19.	Estimated value of cargo Rs.	40,327	73,236	1,13,563	1. Balance not recovered on the 1st of the month			89 6
20.	Number of passengers No.	375	280½	655½	2. Tollage per month			1,596 1
21.	Rafts, bamboos c. ft.	1,600	1,04,970	1,06,570	3. Total			1,685 8
22.	Do., bullahs	.....	26,013	26,013				
23.	Estimated value of rafts Rs.	400	14,346	14,746	4. Amount credited in the accounts of the month			1,483 1
24.	Tollage on boats	315-14-0	626-2-7	942-0-7				
25.	Compounded tollage on boats Rs.	75	75	150-0-0				
26.	Tollage on rafts	0-8-0	503-9-0	504-1-0	5. Balance due at the end of the month			202 6
27.	Total tollage on boats per ton-mile	.....	.....	1-5 pies.				
28.	Total tollage on rafts per 100 cubic feet	.....	.....	0-6-1				

ARRAH CANAL SYSTEM.

LENGTH OF CANAL OPEN, 65 MILES.

Number of boats or rafts.	DESCRIPTION.	TOTAL GOVERNMENT AND PRIVATE.				PRIVATE.		REMARKS.
		Quantity—Tons.			Value.	Quantity.	Value.	
		Up.	Down.	Total.	Rupees.	Tons.	Rupees.	
8	1. Grain ...	5	32	37	2,000	37	2,000	
	2. Cotton ...	.....	.....	.....	.....	.....	.....
1	3. Oilseeds ...	.....	10	10	600	10	600	
17	4. Salt ...	113	.....	113	11,575	113	11,575	
1	5. Piece-goods ...	20	.....	20	28,500	20	28,500	
2	6. Metal ...	1	1	2	180	2	180	
10	7. Building materials ...	.....	104	104	341	88	260	
56	8. Miscellaneous ...	115	259	374	73,174	374	73,174	
21	9. Fuel ...	281	19	300	2,984	78	1,044	
Rafts	10. Timber ...	.....	786	786	777	786	777	
	11. Bamboos ...	.....	203	203	3,040	203	3,040	
116	12. Total ...	535	1,414	1,949	1,23,171	1,711	1,21,150	
216	13. Total of same month last year ...	.....	.....	2,020	92,208	1,862	91,382	

	Up.	Down.	Total.		Rs. A.
1. Total number of boats plying cargo No.	48	68	116	Total tollage of month— 24 + 25 + 26 ...	1,156 2
2. Total number of boats plying passenger No.	7	7	14		
3. Total number of empty boats No.	26	6	32	Total tollage of same month last year ...	1,046 11
4. Total registered tonnage, cargo ...	679	632	1,311	<i>Memorandum of Tollage.</i>	
5. Total registered tonnage, passenger ...	386	384	770		
6. Total registered tonnage, empty ...	58	22	80		Rs. A.
7. Ton-mileage ...	61,868	50,492	1,12,360	1. Balance not recovered on the 1st of the month ...	41 0
8. Estimated value of cargo Rs.	61,713	57,641	1,19,354	2. Tollage per month ...	1,156 2
9. Number of passengers No.	938	1,039	1,977	3. Total ...	1,197 3
10. Rafts, bamboos c. ft.	.....	30,407	30,407	4. Amount credited in the accounts of the month ...	1,007 6
11. Do., bullahs, &c. "	.....	58,969	58,969	5. Balance due at the end of the month ...	189 12
12. Estimated value of rafts Rs.	.....	3,817	3,817		
13. Tollage on boats "	327-1-3	265-15-3	593-0-6		
14. Compounded tollage on boats Rs.	196	196	392		
15. Tollage on rafts "	.....	171-1-9	171-1-9		
16. Total tollage on boats per ton-mile ...	.....	.....	1-6 pies		
17. Total tollage on rafts per 100 cubic feet ...	.....	.....	As. P. 3 07		

BUXAR CANAL SYSTEM

LENGTH OF CANAL OPEN, 67 MILES.

Number of boats or rafts.	DESCRIPTION.	TOTAL GOVERNMENT AND PRIVATE.				PRIVATE.		REMARKS.
		Quantity—Tons.			Value.	Quantity.	Value.	
		Up.	Down.	Total.	Rupees.	Tons.	Rupees.	
2	1. Grain ...	.....	8	8	929	8	929	
.....	2. Cotton ...	.....	.....	.....	.....	.....	.....
2	3. Oilseeds ...	.....	33	33	2,750	33	2,750	
.....	4. Salt ...	.....	.....	.....	.....	.....	.....
.....	5. Piece-goods ...	2	.....	2	9,350	2	9,350	
.....	6. Metal ...	.....	.....	.....	.....	.....	.....
47	7. Building materials ...	.....	657	657	25,127	25	1,527	
62	8. Miscellaneous ...	1	578	579	76,174	579	76,174	
17	9. Fuel (coal) ...	153	12	165	3,087	12	225	
Rafts {	10. Timber ...	.....	391	391	4,346	391	4,346	
	11. Bamboos ...	.....	335	335	6,030	335	6,030	
130	12. Total ...	156	2,014	2,170	1,27,793	1,385	1,01,331	
199	13. Total of same month last year ...	.....	.....	1,441	60,937	1,441	60,937	

	Up.	Down.	Total.		Rs. A. P.
14. Total number of boats plying cargo No.	15	115	130	Total tollage of month— 24 + 25 + 26 ...	1 077 5
15. Total number of boats plying passenger No.	8	10	18		
16. Total number of empty boats No.	36	72	108	Total tollage of same month last year ...	823 4
17. Total registered tonnage, cargo ...	267	2,436	2,643		
17. Total registered tonnage, passenger ...	216	228	444		
17. Total registered tonnage, empty ...	103	242	345		
18. Ton-mileage ...	19,660	51,769	71,429		
19. Estimated value of cargo Rs.	16,512	1,00,905	1,17,417		
20. Number of passengers No.	575	587	1,162		
21. Rafts, bamboos c. ft.	.....	50,250	50,250	1. Balance not recovered on the 1st of the month ...	28 15
22. Do., bullahs ..	.....	29,333	29,333		
23. Estimated value of rafts Rs.	.....	10,376	10,376	2. Tollage per month ...	1,077 5
24. Tollage on boats ..	73-1-9	573-1-6	646-3-3	3. Total ...	1,106 4
25. Compounded tollage on boats Rs.	75	123-0-2	198-0-2		
26. Tollage on rafts ..	.....	233-1-9	233-1-9	4. Amount credited in the accounts of the month ...	1,097 11
27. Total tollage on boats per ton-mile ...	.....	.....	0-0-2-2		
28. Total tollage on rafts per 100 cubic feet ...	.....	.....	Ans. piece 0-4-8	5. Balance due at the end of the month ...	8 9

ABSTRACT FOR THE MONTH OF FEBRUARY 1887, AS COMPARED WITH THE CORRESPONDING MONTH OF THE PREVIOUS YEAR.

CANAL.	TRAFFIC, 1886-87.						TRAFFIC, 1885-86.						REMARKS.
	During the month.			To end of the month.			During the month.			To end of the month.			
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	
<i>Orissa Circle.</i>													
Balunda Canal System ...	559	8	2	2,298	7	6	304	5	6	1,521	14	4	
Chandrapara Canal System ...	4,769	10	8	35,257	2	8	5,405	11	8	42,673	13	11	
High Level Canal, Range I ...	962	8	0	6,577	6	6	1,049	0	0	7,212	2	11	
Ditto, Range II ...	390	5	6	3,097	8	0	589	13	9	3,132	13	10	
Ditto, Range III ...	165	2	3	1,830	1	9	217	10	9	1,115	0	6	
Total Orissa Circle ...	6,787	2	7	49,060	10	5	7,566	9	8	55,655	13	6	
<i>South-Western Circle.</i>													
Bidnapore Canal ...	9,404	14	9	1,00,433	3	6	8,438	2	9	1,16,154	0	0	
Bidgellee Tidal Canal ...	3,031	7	9	46,222	9	9	3,583	5	0	46,778	9	0	
Total South-Western Circle ...	12,436	6	6	1,46,655	13	3	12,021	7	9	1,62,932	9	0	
<i>Sone Circle.</i>													
Atna Canal System ...	1,596	1	7	20,168	12	7	993	9	3	17,804	0	1	
Barah ditto ...	1,156	2	3	16,506	2	7	1,046	11	3	13,292	2	1	
Barhar ditto ...	1,077	5	2	7,856	1	9	823	4	6	6,195	8	3	
Total Sone Circle ...	3,829	9	0	44,471	0	11	2,863	9	0	37,291	10	5	
GRAND TOTAL ...	23,053	2	1	2,40,187	8	7	22,451	10	5	2,55,880	0	11	

GOVERNMENT TRANSPORT SERVICE.

CANAL.	TRAFFIC, 1886-87.						TRAFFIC, 1885-86.					
	During the month.			To end of the month.			During the month.			To end of the month.		
	Passen- gers.	Goods.	Total receipts.	Passen- gers.	Goods.	Total receipts.	Passen- gers.	Goods.	Total receipts.	Passen- gers.	Goods.	Total receipts.
<i>Orissa Circle.</i>	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.
High Level ...	222	794	270 11 4	7,170	13,454	8,020 11 6	1,138	3,942	1,613 3 1	12,217	38,234	17,603 6 5
Total Orissa Circle ...	222	794	270 11 4	7,170	13,454	8,020 11 6	1,138	3,942	1,613 3 1	12,217	38,234	17,603 6 5

TOTAL NAVIGATION RECEIPTS.

CANAL.	EARNINGS, 1886-87.						EARNINGS, 1885-86.						REMARKS.
	During the month.			To end of the month.			During the month.			To end of the month.			
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	
Orissa Canals...	7,057	13	11	57,081	5	11	9,179	12	9	73,259	3	11	
Bidnapore Canal	9,404	14	9	1,00,433	3	6	8,438	2	9	1,19,575	11	3	
Bidgellee Tidal Canal	3,031	7	9	46,222	9	9	3,583	5	0	46,778	9	0	
Sone Canals ...	3,829	9	0	44,471	0	11	3,148	9	0	41,705	8	7	
Total	23,323	13	5	2,48,208	4	1	24,349	13	6	2,81,319	0	9	

C. W. I. HARRISON, *Lieut.-Col., R.E.,*
Offg. Secy. to the Govt. of Bengal.

CALCUTTA,
 The 26th April 1887.

CIRCULAR AND EASTERN CANALS.

Approximate return of traffic for the week ending Saturday, the 23rd April 1887, compared with the corresponding week of the previous year.

NATURE OF CARGO.	WEEK ENDING SATURDAY, THE 23RD APRIL 1887.			WEEK ENDING SATURDAY, THE 24TH APRIL 1886.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy	337	98,925	1,718	341	85,708	1,571
Jute	10	8,644	159	13	8,175	143
Firewood	87	41,100	637	105	65,300	920
Other articles	691	1,98,275	2,690	808	2,38,607	3,570
Total	1,125	3,50,244	5,213	1,267	3,97,790	6,213

Dacca State Railway.

Abstract of principal commodities carried over the Dacca State Railway during the month of February 1887, as compared with the same month of the previous year.

STAPLES	1886.		1887.		Total.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1886.	1887.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.		
Refrigerators ... ..	...	1	7	...	1	7	6	...
Coal and coke ... ..	...	...	67	45	...	112	112	...
Cotton, raw ... ..	...	...	...	1	...	1	1	...
Cotton manufactured—								
(1). Twist and yarn (European)	...	...	...	...	...	...	...	...
(2). Ditto (Indian)	...	...	...	...	...	...	...	...
(3). Piece-goods (European)	...	...	...	...	...	...	...	...
(4). Ditto (Indian)	...	...	...	...	...	...	...	...
Fibrous products—								
(1). Jute (unworked)	...	205	6	2,198	205	2,204	1,999	...
(2). " manufactured (gunny-bags and cloths)	...	...	...	1	...	1	1	...
Grain and pulse—								
(2). Grain and pulse	25	1	4	1	26	5	...	21
(4). Rice, husked	1	22	1	...	23	1	...	22
Hides and skins—								
(1). Hides of cattle	...	8	2	5	8	7	...	1
Metals and manufactures of—								
(1). Brass and copper	...	...	...	...	...	...	...	...
(2). Iron	...	1	2	1	11	3	...	8
(3). Other metals	10	...	...	...	...	...	...	...
Oils	...	2	1	...	2	1	...	1
Provisions—								
(1). Other	...	...	7	...	1	7	6	...
(2). Other kinds	1	...	...	...	...	...	...	...
Railway materials	18	1,742	68	2	1,769	70	...	1,699
Salt	...	...	5	...	...	5	5	...
Seeds—								
(1). Oilseeds—								
(a). Linseed	...	...	...	...	...	...	...	...
(b). Mustard and rape	...	...	...	1	...	1	1	...
(c). Til or ground	...	...	...	...	...	...	...	...
(d). Other oilseeds	...	...	...	...	...	...	...	...
Sugar—								
(1). Refined	...	...	3	...	3	3	...	...
(2). Unrefined	3	...	...	...	...	...	...	...
Tobacco	...	...	1	...	...	1	1	...
Wool—								
(1). Timber	...	...	2	1	...	3	3	...
(2). Firewood	...	...	...	...	...	...	...	...
All other articles of merchandise—								
(1). Unmanufactured	...	...	28	...	...	28	...	...
(2). Manufactured	155	45	155	55	310	210	10	...
Total	258	2,032	431	2,320	2,585	2,751	2,260	1,740

INCREASES.

Coal and coke 112 tons.
Despatches of coal and coke to Gullergaon for the service established from 1st January 1887.
Jute 1,999 tons.
Principally from Mymensingh.

DECREASES.

Railway materials 1,690 tons.
Due to completion of construction works generally.

CALCUTTA, the 23rd April 1887.

F. P. QUINLAN, Examiner.

Bengal Central Railway.

Abstract of principal commodities carried over the Bengal Central Railway during the month of February 1887, as compared with the same month of the previous year.

STAPLES.	1887.		1886.		Total.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1887.	1886.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.		
Betelnuts	...	403	...	119	403	119	287	...
Coal and coke	994	...	1,119	...	994	1,119	...	125
Cotton, raw	...	...	...	2	...	2	...	2
Cotton, manufactured—								
1.—Twist and yarn (European)	...	...	...	...	...	...	...	...
2.—"do. (Indian)	...	...	...	...	...	...	...	...
3.—Piece-goods (European)	...	...	...	...	...	...	...	...
4.—"do. (Indian)	144	1	103	1	145	104	41	...
Fibrous products								
1.—Jute (screwed)	...	3	...	4	3	4	...	1
2.—"do. (unscrewed)	...	332	...	117	332	117	215	...
3.—Jute manufactured (gunny-bags and cloths)	12	4	9	1	16	10	6	...
Corn and Pulse—								
1.—Grain and pulse	38	35	22	114	123	146	...	13
2.—Rice, husked	3	334	3	218	337	221	116	...
Hides and skins—								
1.—Hides of cattle	...	67	...	62	67	62	5	...
2.—Skins of sheep, goats, and small animals	...	...	...	...	...	...	...	...
Metals and manufactures of—								
1.—Brass and copper	...	...	...	...	...	...	...	...
2.—Iron	35	73	45	12	108	57	51	...
3.—Other metals	...	...	...	...	...	...	...	...
Oils	81	...	42	...	81	42	39	...
Kerosine oil	30	...	...	...	30	...	...	...
Provisions—								
1.—"do.	179	175	167	43	345	210	135	...
2.—Other kinds	...	...	...	...	...	...	...	...
Railway materials	59	15	1,042	236	74	1,208	...	1,224
Salt	122	...	84	...	122	84	38	...
Seeds—								
1.—Oilseeds—								
a.—Linseed	...	...	...	...	...	...	...	...
b.—Mustard and rape	...	...	...	...	...	...	...	...
c.—Til or gingelly	...	...	...	...	...	...	...	...
d.—Other oilseeds	355	9	60	130	364	204	160	...
Sugar—								
1.—Refined	...	...	...	...	...	...	...	...
2.—Unrefined	55	695	17	903	750	920	...	170
Tea—	31	3	19	1	34	20	14	...
Wood—								
1.—Timber	...	...	...	...	...	...	...	...
2.—Firewood	...	8	10	15	30	25	5	...
All other articles of merchandise—								
1.—Unmanufactured	...	...	...	...	...	...	...	...
2.—Manufactured	234	185	175	194	419	369	50	...
Total	2,890	2,595	2,923	2,201	4,813	5,124	1,107	1,633

INCREASES.

Betelnuts	...	287 tons.
Principally for British Burma.	...	...
Jute	...	215 tons
From the Magurah and Madaripur districts; also from Krishna and Musamdar.	...	...
Rice	...	116 tons.
Crops good.	...	...
Provisions	...	135 tons.
Attributable to fluctuating demand and supplies.	...	...
Seeds	...	160 tons.
Principally from Chandpara.	...	...

DECREASES.

Coal and coke	...	125 tons.
Smaller despatches during the month for the railway and steamer services.	...	...
Railway materials	...	1,224 tons
The larger figure for 1886 represents despatches of material for repairs of flood damages of 1885, and of block stone from Koochta for protection of bridges, the necessity for which did not exist during the period under notice.	...	...
Sugar	...	170 tons.
Falling off in despatches from Gobardanga and Jhikar, owing to depression of trade in this commodity.	...	...

CALCUTTA, the 23rd April 1887.

F. P. QUINLAN, Examiner.

Nalhati State Railway.

Statement showing Increases and Decreases in tonnage of Staples carried over the line during the month of March 1887, as compared with the corresponding period of March 1886

STAPLES.	1886.		1887.		1886.	1887.	Increase.	Decrease.
	Up.	Down.	Up.	Down.	Total.	Total.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Coal	901	.....	1,000	.....	901	1,000	159	.....
Cotton, raw	15	.....	4	.....	15	4	.....	11
Cotton twist and yarn—								
1.—European ... ..	.....	.....	1	.....	.....	1	1	.....
Cotton piece-goods—								
1.—European	35	.....	36	.....	35	36	1	.....
Drugs and Medicines—								
1.—Non-intoxicating—								
2.—Others ... ..	.....	.....	.....	1	.....	1	1	.....
Grains—								
2.—Rice	51	94	101	84	145	94	628	.....
5.—Others ... ..	.....	.....	4	25	.....	29	.....	.....
Hides and skins—								
1.—Hides of cattle—								
a.—Dressed ... ..	.....	.....	4	0	.....	10	10	.....
2.—Skins of sheep—								
a.—Dressed ... ..	.....	.....	.....	1	.....	1	1	.....
Jute—								
1.—Raw ... ..	.....	.....	1	.....	.....	45	45	.....
2.—Gunny-bags and cloth ... ..	.....	.....	17	4	.....	21	21	.....
Liquors—								
1.—Beer ... ..	.....	.....	1	.....	.....	1	1	.....
2.—Wines ... ..	.....	.....	1	.....	.....	1	1	.....
Metals—								
1.—Copper unwrought ... ..	.....	.....	1	.....	.....	1	.....	.....
2.—Iron ... ..	.....	.....	6	.....	.....	6	.....	.....
4.—Others	14	5	10	3	20	13	.....	9
Oils—								
1.—Castor ... ..	.....	.....	1	.....	.....	1	1	.....
5.—Others ... ..	.....	.....	1	.....	.....	1	1	.....
Oilseeds—								
2.—Mustard and rape	13	120	202	.....	133	202	76	.....
6.—Others ... ..	.....	.....	6	.....	.....	6	.....	.....
Paper and pasteboard ... ..	.....	.....	2	.....	.....	2	2	.....
Provisions—								
1.—Ghee ... ..	.....	.....	4	.....	.....	4	4	.....
2.—Dried fruits and nuts ... ..	.....	.....	1	.....	.....	1	1	.....
3.—Others ... ..	.....	.....	.....	3	.....	3	3	.....
Railway plant and rolling-stock ... ..	.....	.....	13	3	5	21	16	.....
Salt	5	.....	12	.....	5	12	7	.....
Silk, raw—								
2.—Indian	64	51	48	5	95	53	.....	42
Silk piece-goods—								
2.—Indian ... ..	.....	.....	.....	5	.....	5	5	.....
Spices—								
1.—Pepper ... ..	.....	.....	1	.....	.....	1	1	.....
Sugar—								
1.—Drained	9	.....	25	.....	9	25	16	.....
Umbrellas ... ..	.....	.....	1	.....	.....	1	1	.....
All other merchandises	141	36	54	26	187	80	.....	107
Total	1,248	391	1,623	909	1,659	2,695	1,802	100

INCREASE.

	Tons.
Coal	159
This increase is due to larger import on account of excessive brick-burning.	
Grains—Rice	228
The increase in this is due to plentiful crops and larger export from intermediate stations—Bokhara, Nooda and Takipur.	
Jute	45
This increase is due to greater demand and the river communication being stopped for want of sufficient water.	
Gunny-bags and cloth	21
This increase is due to increased grain traffic.	
Oilseeds—Mustard and rape	76
This increase is due to greater demands in the market.	
Railway plant and rolling-stock	16
This increase is due to greater quantity of materials carried during the month.	
Sugar, drained	16
This increase is due to greater demand.	

DECREASE.

	Tons.
Silk, raw—Indian	42
This decrease is due to less import of tussar cocoons during the month.	

Nalhati, the 22nd April 1887.

R. G. MOOKERJEE, Manager.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 16th April 1887, on 1,519 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	254,141	8,00,737 6 0	25,05,870 10	6,81,736 0 0	18,003 13 0	10,00,477 12 0	71,450	114,500	185,950
Or per mile of railway	167 15 9	5,276 10 0	16,500 10 0	4,481 12 11	11 13 7	6,588 10 3	46,588	74,800	121,388
For previous 14 weeks of half-year	3,604,733	41,88,174 7 0	3,70,50,288 0	96,03,278 11 7	2,58,298 14 0	1,40,40,762 1 4	903,166	1,500,950	2,404,116
Total for 15 weeks	3,858,874	44,88,911 13 0	3,95,56,168 10	1,02,85,015 4 7	2,76,302 11 0	1,60,60,220 13 4	1,074,566	1,675,540	2,750,106
COMPARISON.									
Total for corresponding week of previous year	201,063	2,05,851 1 10	28,70,131 30	6,80,133 3 6	22,430 5 9	9,08,414 11 1	60,940	114,508	181,738
Per mile of railway corresponding week of previous year	132 7 8	1,365 10 0	18,800 10 0	4,481 12 11	14 12 11	639 3 6	40,588	74,800	115,388
Total to corresponding date of previous year	3,622,690	43,51,086 11 6	4,10,85,758 10	1,01,07,075 4 6	3,20,727 11 0	1,48,47,880 11 0	1,020,182	1,710,644	2,730,826

* The increase in coaching traffic is on account of ordinary special and troop extra trains.

Approximate Statement of gross receipts of the East Indian Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 17TH APRIL 1886.			RECEIPTS FOR WEEK ENDING 16TH APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 17TH APRIL 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 16TH APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
1,615	Rs. 9,08,415	639	1,519	Rs. 10,00,478	659	1,515	Rs. 24,35,311	1,607	1,519	Rs. 22,88,396	1,507	Rs.	1,40,915

PATNA-GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 16th April 1887, on 57 1/2 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	15,510	7,046 2 0	53,957 20	8,840 5 0	44 0 0	10,030 7 0	1,700	1,368	3,074
Or per mile of railway	271	123 2 11	943 20	154 2 3	0 12 4	174 1 6	29,808	23,717	53,525
For previous 14 weeks of half-year	191,026	1,05,987 7 0	7,53,735 10	40,217 14 9	807 4 6	1,52,012 19 8	24,448	12,717	37,165
Total for 15 weeks	207,136	1,13,033 0 0	8,07,692 30	40,053 3 0	851 4 6	1,62,043 1 3	26,154	14,115	40,269
COMPARISON.									
Total for corresponding week of previous year	15,346	7,343 0 2	55,026 30	5,249 7 0	48 1 3	12,640 14 5	1,527	930	2,507
Per mile of railway corresponding week of previous year	267	128 0 1	962 0	91 12 5	0 13 5	220 15 11	26,708	15,800	42,508
Total to corresponding date of previous year	206,000	1,12,576 15 19	7,80,252 0	54,311 7 0	837 11 0	1,67,720 2 7	26,014	12,822	38,836

Approximate Statement of gross receipts of the Patna-Gya State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 17TH APRIL 1886.			RECEIPTS FOR WEEK ENDING 16TH APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 17TH APRIL 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 16TH APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
57 1/2	Rs. 12,641	221	57 1/2	Rs. 10,930	191	57 1/2	Rs. 24,350	421	57 1/2	Rs. 25,799	451	Rs.	5,537

DILDARNAGAR-GHAZIPUR STATE RAILWAY.

Approximate Return of Traffic for week ended 16th April 1887, on 12 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	3,006	504 1 0	25,125 30	722 13 0	11 9 0	1,238 7 0	837½	156	993½
Or per mile of railway ...	.....	42 0 1	.....	60 3 0	0 13 8	103 8 8	.....	.....	.....
For previous 14 weeks of half-year ...	80,541	6,837 8 0	2,81,409 10	6,823 0 0	85 4 3	13,745 15 3	4,837½	2,142	6,979½
Total for 15 weeks ...	42,547	7,341 8 0	3,00,985 0	7,546 3 0	96 13 3	14,984 8 3	5,175	2,298	7,473
COMPARISON.									
Total for corresponding week of previous year ...	3,355	573 14 4	20,272 10	515 8 0	68 8 0	1,185 14 4	819	174	993
Per mile of railway corresponding week of previous year ...	.....	47 13 2	.....	45 7 4	5 8 9	98 13 2	.....	.....	.....
Total to corresponding date of previous year ...	80,622½	6,765 14 2	5,49,431 0	7,009 5 0	593 5 0	14,608 8 2	3,002½	4,619	7,621½

Approximate Statement of gross receipts of the Dildarnagar-Ghazipur State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 17TH APRIL 1886.			RECEIPTS FOR WEEK ENDING 16TH APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 17TH APRIL 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 16TH APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
12	Rs. 1,196	99	12	Rs. 1,238	103	12	Rs. 2,731	228	12	Rs. 2,396	200	.....	335

SINDIA STATE RAILWAY.

Approximate Return of Traffic for week ended 16th April 1887, on 74½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	6,143	4,832 13 0	93,898 20	3,513 14 0	112 13 0	8,459 8 0	762½	1,133½	1,896½
Or per mile of railway ...	.....	64 9 9	.....	46 15 8	1 8 1	113 1 6	.....	.....	.....
For previous 14 weeks of half-year ...	80,651	61,935 12 0	14,52,331 0	68,578 0 0	1,330 7 9	1,31,844 3 9	10,667	10,664½	21,331½
Total for 15 weeks ...	86,794	66,769 9 0	15,40,229 20	72,091 14 0	1,443 4 9	1,40,303 11 9	11,449½	18,080½	29,530
COMPARISON.									
Total for corresponding week of previous year ...	5,616½	4,771 1 10	98,340 20	3,945 8 0	80 1 0	8,796 10 10	690	1,485	2,175
Per mile of railway corresponding week of previous year ...	.....	63 12 7	.....	52 11 11	1 1 2	117 9 8	.....	.....	.....
Total to corresponding date of previous year ...	85,432½	66,912 11 0	12,90,763 20	54,682 10 0	1,646 4 0	1,26,141 9 0	19,385	17,542	36,927

Approximate Statement of gross receipts of the Sindia State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 17TH APRIL 1886.			RECEIPTS FOR WEEK ENDING 16TH APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 17TH APRIL 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 16TH APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
74½	Rs. 8,797	115	74½	Rs. 8,460	113	74½	Rs. 19,334	258	74½	Rs. 19,369	260	35	.....

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 16th April 1887, on 22½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week...	33,721	10,376 9 0	6,677 10	224 12 0	7 10 0	10,608 16 0	881	53	1,034
Or per mile of railway	.....	460 5 10	.....	10 1 7	0 5 6	470 12 11	.....	.....	.....
For previous 14 weeks of half-year...	281,808	77,074 0 0	1,24,826 20	4,137 1 0	93 3 3	81,304 10 3	13,441	578	14,020
Total for 15 weeks	315,529	87,450 15 0	1,31,503 30	4,361 13 0	100 13 3	91,913 9 3	14,422	632	15,054
COMPARISON.									
Total for corresponding week of previous year	30,052	9,004 13 1	0,076 0	249 0 0	17 14 6	9,271 11 7	1,102	42	1,144
Per mile of railway corresponding week of previous year	.....	404 11 4	.....	11 3 1	6 12 11	416 11 4	.....	.....	.....
Total to corresponding date of previous year	319,234	85,297 3 8	1,78,868 30	6,023 10 0	103 3 8	91,414 1 4	15,774	2,174	17,948

Approximate Statement of gross receipts of the Tarkeessur Branch Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 17TH APRIL 1886.			RECEIPTS FOR WEEK ENDING 16TH APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 17TH APRIL 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 16TH APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
22½	9,273	417	22½	10,609	477	22½	19,115	859	22½	10,460	875	345	.....

INDIAN MIDLAND RAILWAY.

Approximate Return of Traffic for week ended 16th April 1887, on 42 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week...	2,489	1,116 12 6	50,041 0	3,733 11 0	40 14 0	4,801 5 6	177	453	630
Or per mile of railway	.....	26 9 5	.....	88 14 4	0 15 7	116 7 4	.....	.....	.....
For previous 14 weeks of half-year...	33,686	10,885 10 0	7,08,703 30	40,710 4 0	467 2 9	64,072 1 3	2,780	8,517	11,298
Total for 15 weeks	36,185	12,002 7 0	7,50,304 30	50,452 15 0	508 0 0	68,163 0 0	2,958	8,970	11,928
COMPARISON.									
Total for corresponding week of previous year	2,180	960 14 0	15,430 30	1,073 6 0	31 2 0	2,671 6 0	210	309	519
Per mile of railway corresponding week of previous year	.....	23 0 4	.....	30 13 6	0 11 10	63 9 8	.....	.....	.....
Total to corresponding date of previous year	4,022	2,125 11 9	41,037 10	4,243 8 0	57 15 9	6,426 3 6	684	744	1,428

Approximate Statement of gross receipts of the Indian Midland Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 17TH APRIL 1886.			RECEIPTS FOR WEEK ENDING 16TH APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 17TH APRIL 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 16TH APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
42	2,671	64	42	4,801	116	42	6,436	153	42	8,874	211	2,438	.....

EASTERN BENGAL STATE RAILWAY.

(INCLUDING N. B., DACCA, K. AND D. AND ASSAM BEHAR SECTIONS.)

Approximate Return of Traffic for week ending 16th April 1887, on 645 miles open

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated), including Steam-boat.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	124,123	53,190 0 0	440,101 0	59,760 0 0	10,090 0 0	1,21,990 0 0	19,818	15,803	35,621
Or per mile of railway	193	81 0 0	682 0	93 0 0	...	174 0 0	...	...	...
For previous 14 weeks of half-year	1,662,248	9,23,173 0 0	74,08,100 0	11,37,028 0 0	1,80,732 0 0	22,41,533 0 0	275,787	282,037	558,824
Total for 16 weeks	2,086,371	9,75,363 0 0	78,48,201 0	11,97,388 0 0	1,90,722 0 0	23,03,523 0 0	295,525	298,440	593,965
COMPARISON.									
Total for corresponding week of previous year (audited)	2102,062	58,634 0 0	4,50,197 0	60,477 0 0	11,430 0 0	1,80,170 0 0	17,441	19,180	36,621
Per mile of railway corresponding period of previous year	251	97 0 0	753 0	90 0 0	...	196 0 0	...	...	...
Total to corresponding date of previous year	1,076,285	8,08,882 0 0	91,55,153 0	11,94,720 0 0	1,02,720 0 0	22,80,340 0 0	261,464	233,400	494,864

* Includes monthly tickets.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Eastern Bengal State Railway system

RECEIPTS FOR WEEK ENDING 17TH APRIL 1886.			RECEIPTS FOR WEEK ENDING 16TH APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO WEEK ENDING 17TH APRIL 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 16TH APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	
600	1,30,170	215	645	1,21,890	189	690	3,17,103	(a) 62	645	3,00,010	a 32	.....	17,443

(a) Average receipt per mile per week.

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 16th April 1887, on 125 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	20,662	6,460 0 0	37,083 0	2,570 0 0	39 0 0	9,420 0 0	3,786	1,434	5,220
Or per mile of railway	165	55 0 0	297 0	20 0 0	...	75 0 0	...	...	...
For previous 14 weeks of half-year	348,592	1,28,013 0 0	4,82,256 0	30,051 0 0	621 0 0	1,60,145 0 0	53,038	20,375	73,413
Total for 16 weeks	369,194	1,35,703 0 0	5,19,339 0	33,531 0 0	651 0 0	1,69,935 0 0	57,424	21,709	79,133
COMPARISON.									
Total for corresponding week of previous year	27,690	7,480 0 0	38,372 0	2,240 0 0	10 0 0	9,751 0 0	3,892	1,318	5,210
Per mile of railway corresponding period of previous year	224	60 0 0	307 0	18 0 0	...	78 0 0	...	...	...
Total to corresponding date of previous year	372,540	1,30,045 0 0	5,05,300 0	32,076 0 0	428 0 0	1,64,040 0 0	50,110	20,658	70,768

* Includes monthly tickets.

FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Bengal Central Railway.

RECEIPTS FOR WEEK ENDING 17TH APRIL 1886.			RECEIPTS FOR FIRST WEEK ENDING 16TH APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO WEEK ENDING 17TH APRIL 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 16TH APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	
125	9,751	78	125	9,450	76	125	23,695	(a) 103	125	23,038	(a) 93	.....	2,088

(a) Per mile per week.

TIRHOOT STATE RAILWAY.

Approximate Return of Traffic for the week ending 16th April 1887, on 249 (a) miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week on 249 miles open ...	34,535	15,270 14 11	1,40,157 30	13,547 0 0	3,235 0 0	30,042 8 5	5,230	5,341	10,561
Or per mile of railway ...	139	53 5 0	569 0	54 8 0	2 15 6	110 12 0*	...	...	...
For previous 14 weeks of half-year ...	520,008	2,03,035 1 1	22,87,182 30	2,30,157 7 0	43,110 15 6	4,81,294 7 7	70,324	80,608	150,932
Total for 15 weeks ...	554,543	2,21,306 0 0	24,26,320 0	2,43,725 0 0	46,340 0 0	5,11,377 0 0	84,544	85,949	170,493
COMPARISON.									
Total for corresponding week of previous year on 246 miles open ...	41,536	13,210 13 4	1,33,222 20	12,077 3 0	2,007 4 4	25,832 4 8	5,200	5,051	10,251
Or per mile of railway corresponding week of previous year ...	169	53 11 0	542 0	52 12 0	1 0 0	107 7 0*	...	...	...
Total to corresponding date of previous year ...	534,209	1,83,260 10 2	18,71,814 20	1,88,390 4 3	42,652 1 3	4,14,332 15 8	66,081	72,854	138,935

(a) 3 miles from Anarpur Junction to Sonapur Junction opened for traffic from 1st April 1887.

* Steam-boat earnings excluded in calculating "Total earnings per mile of Railway."

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Tirhoot State Railway.

RECEIPTS FOR WEEK ENDING 17TH APRIL 1886.			RECEIPTS FOR WEEK ENDING 16TH APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 17TH APRIL 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 16TH APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
246	23,683	117	249	30,083	121	246	84,411	343	249	97,661	392	13,227	...

NALHATI STATE RAILWAY.

Approximate Return of Traffic for the week ending 16th April 1887, on 27½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	2,079	973 1 10	0,457 20	687 13 0	10 3 8	1,071 2 0	509	254	763
Or per mile of railway ...	98	35 11 0	347 0	25 4 0	0 6 0	61 5 0	...	...	...
For previous 14 weeks of half-year ...	42,914	16,005 14 2	2,04,590 20	11,340 3 0	351 12 4	27,704 18 6	7,108	6,225	12,323
Total for 15 weeks ...	45,023	17,007 0 0	2,14,048 0	12,037 0 0	362 0 0	28,460 0 0	7,707	6,479	13,186
COMPARISON.									
Total for corresponding week of previous year ...	2,176	954 5 0	10,037 30	685 13 0	11 12 6	1,652 1 0	509	254	763
Or per mile of railway corresponding week of previous year ...	80	35 0 0	366 0	25 3 0	0 7 0	60 10 0	...	...	...
Total to corresponding date of previous year ...	30,796	15,575 4 2	1,39,921 30	9,772 12 0	300 9 6	25,052 10 6	7,780	6,161	11,881

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Nalhati State Railway.

RECEIPTS FOR WEEK ENDING 17TH APRIL 1886.			RECEIPTS FOR WEEK ENDING 16TH APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 17TH APRIL 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 16TH APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
27½	1,652	61	27½	1,671	61	27½	8,097	187	27½	8,525	205	428	...

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

	Rs.	A.	P.
Approximate earnings for week ending 2nd April 1887	8,026	0	0
Corresponding week last year	9,720	0	0
Decrease	1,694	0	0
Receipts from 1st January to 2nd April 1887	81,485	0	0
From 1st January to 3rd April 1886	98,063	0	0
Decrease	16,578	0	0
Miles open week ending 2nd April 1887	51		
Corresponding week last year	50½		
Increase	½		
Receipts per mile open week ending 2nd April 1887	176	15	11
Corresponding week last year	191	8	5
Decrease	14	8	6

CHIEF OFFICE, DARJEELING, 18th April 1887.

W. STEVENSON, Secretary, D.-H.

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

	Rs.	A.	P.
Approximate earnings for week ending 9th April 1887	10,315	0	0
Corresponding week last year	8,924	0	0
Increase	1,391	0	0
Receipts from 1st January to 9th April 1887	91,800	0	0
From 1st January to 10th April 1886	1,00,987	0	0
Decrease	15,187	0	0
Miles open, week ending 9th April 1887	51		
Corresponding week last year	50½		
Increase	½		
Receipts per mile open, week ending 9th April 1887	202	4	1
Corresponding week last year	175	13	7
Increase	26	6	6

CHIEF OFFICE, DARJEELING, the 18th April 1887.

W. STEVENSON, Secretary, D.-H. Ry.

DARJEELING HIMALAYAN RAILWAY COMPANY, LIMITED.

	Rs.
Approximate earnings for week ending 16th April 1887	8,041
Corresponding week last year	12,856
Decrease	4,815
Receipts from 1st January to 16th April 1887	1,00,743
From 1st January to 17th April 1886	1,19,843
Decrease	19,100
Miles open week ending 16th April 1887	51
Corresponding week last year	50½
Increase	½
Receipts per mile open week ending 16th April 1887	157 10 8
Corresponding week last year	253 5 2
Decrease	95 10 9

CHIEF OFFICE, DARJEELING, the 3rd April 1887.

W. STEVENSON, Secretary D.-H. Ry.



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, MAY 4, 1887.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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DISTRICT ROAD FUND.

No. 1256R.C.

GOVERNMENT OF BENGAL—PUBLIC WORKS DEPARTMENT.

ROAD CESS.

Dated Calcutta, the 25th April 1887.

READ—

Letter from the Accountant-General, Bengal, No. 65L.F., dated the 19th April 1887, submitting an abstract of receipts and expenditure of the several District Road Committees in Bengal for the quarter ending the 30th September 1886.

RESOLUTION.

The Lieutenant-Governor directs that the accounts of the receipts and expenditure of the several District Road Committees for the fourth quarter of the cess year 1885-86 be published in the *Calcutta Gazette* and circulated to the officers concerned.

ORDER—Ordered that a copy of this Resolution, together with a copy of the abstract of receipts and expenditure, be published in the Supplement to the *Calcutta Gazette*.

Ordered also that a copy of this Resolution, and of the abstract referred to, be forwarded to all Commissioners of Divisions, to all Superintending Engineers of Public Works Circles in Bengal, and to the Financial Department of this Government, for information.

By order of the Lieutenant-Governor of Bengal,

W. B. BESTIC,

Under-Secy. to the Govt. of Bengal,

P. W. Dept.

DISTRICT

Statement of Receipts and Expenditure of the several District

PROVINCIAL RATES.										PUBLIC
DISTRICTS.	Balance in treasury on 1st July 1886.	Cess on lands.	Cess on mines and railways.	Cess on houses.	One per cent. road cess.	Total.	Interest on arrears of road cess.	Road tolls.		
	Rs. A. P.	Rs. A. P.	Rs. A. P.			Rs. A. P.	Rs. A. P.			
1 Burdwan	54,245 6 7	9,692 15 3	5,711 10 10			15,404 10 1	500 6 2			
Bankura	26,580 0 5	8,180 8 5	20 0 3			8,200 8 8	737 0 4			
Beerbhoom	22,430 10 1	14,140 0 4				14,140 0 4	134 5 2			
Midnapore	91,503 4 0	40,450 2 0				40,450 2 0	954 7 7			
5 Hooghly and Howrah	54,782 8 7	31,415 13 9				34,415 13 9	1,705 9 6			
24 Pergunnahs	16,305 5 6	26,041 14 5				16,045 3 3	144 5 10			
Nudda	10,904 15 6	14,045 5 3				24,010 1 6	214 13 0			
Jessore	14,027 9 10	23,010 1 0				14,400 10 3	143 10 8			
Khoolna	36,003 7 3	14,496 10 8				10,844 4 1	53 3 11			
10 Moorshedabad	27,602 11 5	10,848 4 1				26,328 2 1	113 7 1			
Dinapore	22,000 10 0	20,928 2 1				22,095 4 7	355 15 1			
Rajshahye	24,638 14 11	22,985 4 7				43,179 3 10	347 1 0			
Rangpore	35,480 2 2	43,170 5 10				17,204 15 5	58 4 1			
Bogra	34,728 12 0	12,204 15 5				13,086 6 10	223 14 5			
18 Purna	48,806 14 2	13,086 6 10				1,819 13 10				
Darjeeling	21,102 4 2	1,778 6 10	41 7 0			11,836 14 9	91 2 2			
Jalpigoree	1,876 7 7	11,856 14 9				17,830 4 4	611 8 3			
Dacca	80,307 12 6	17,850 4 4				17,756 6 10	404 9 3			
Purroodpore	4,374 5 4	17,756 6 10				25,406 11 10	470 11 11			
20 Backergunge	52,079 9 7	25,406 11 10				19,677 4 6	344 11 6			
Tipporah	78,720 11 11	19,077 4 6				34,103 0 0	118 24 4			
Mymensingh	94,272 4 0	34,103 0 0				17,878 4 6	500 0 11			
Chittagong	54,574 2 8	17,874 4 6				19,537 1 4	102 0 10			
Noakholly	19,806 10 7	19,587 1 4				80,400 10 11	1,162 13 4			
25 Patna	78,417 2 2	39,400 10 11				35,297 15 1	791 7 7			
Gya	30,464 8 2	85,291 8 1	6 7 0			27,021 5 4	950 1 6			
Shahabad	50,770 2 10	27,021 5 4				28,097 8 10	431 10 2			
Mozufferpore	38,255 5 11	24,087 8 10				28,438 8 0	1,422 7 6			
Burhanga	1,22,212 10 1	28,438 8 0				47,511 2 4	1,250 14 7			
30 Saran	1,35,150 8 10	47,511 2 4				10,700 7 4	184 8 10			
Chumparan	15,083 7 7	10,700 7 4				29,800 2 1	579 11 3			
Monghyr	58,055 15 8	29,060 2 1				22,170 7 11	187 0 4			
Bhagulpur	53,793 13 7	22,170 7 11				25,174 3 7	91 0 5			
Purneah	20,733 5 9	25,174 3 7				8,065 7 11	64 8 11			
25 Malda	18,341 3 5	8,055 7 11				1,717 3 7	180 6 8			
Cuttack	45,896 1 0	1,717 3 7				1,861 4 2	136 6 0			
Pooree	1,399 1 11	1,861 4 2				1,857 7 0	128 15 0			
Balasore	18,417 5 11	1,857 7 0	803 8 0			3,406 14 9	66 9 8			
Hazaribagh	24,583 11 0	2,006 8 9				788 15 5	23 2 4			
40 Lohardugga	20,080 6 10	738 15 5				3,753 7 1	120 1 14			
Manbhoom	25,208 4 1	5,411 1 5	342 5 8							
Total	16,97,747 6 0	8,00,734 8 4	7,015 4 9			8,07,749 13 1	16,508 0 1			
Chittagong Hill Tracts	4,010 8 6									
Sonthal Pergunnahs	32,000 15 5		2 10 0							
44 Singbhoom	0,500 9 0					2 10 0				
Total	46,117 0 11		2 10 0			2 10 0				
GRAND TOTAL	17,41,864 7 5	8,00,734 8 4	7,017 15 3			8,07,752 7 7	16,508 0 1			

FORT WILLIAM,

The 25th March 1887.

1 P.T.S.

WORKS.		IRRIGATION.	MISCELLANEOUS.				Districts.
Ferry tolls.	Total.	Canal tolls.	Rent of sarin and staging hungalows.	Fees, fines, and forfeitures.	Miscellaneous.	Total.	
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
.....	8 0 0	.....	14,176 1 0	14,184 1 6	Burdwan
.....	95 11 0	651 1 3	746 12 3	Bankura
.....	55 0 0	1,012 1 3	166 10 0	1,233 11 3	Boerghoom
.....	8 0 0	285 11 0	430 4 0	714 15 0	Midnapore
.....	1,300 0 0	.....	-3,350 7 0	2,521 7 1	-828 15 11	Hooghly and Howrah
.....	126 2 0	.....	6,444 15 3	6,501 1 3	24 Pargunnahs
.....	45 8 0	4 4 0	33 10 10	83 6 10	Nudda
.....	7 10 0	376 6 9	384 0 9	Jessore
.....	22 0 0	22 0 0	Khosha
.....	7 14 0	12 8 0	20 0 3	Moorsheadabad
.....	102 4 0	55 3 6	157 7 6	Dinapore
.....	76 8 0	61 11 6	141 12 0	317 15 6	Rajshahye
.....	1,091 2 2	477 7 6	2,168 9 11	Bangalore
.....	1 0 0	2 0 0	552 7 3	556 7 3	Bogra
.....	18 5 9	318 15 3	337 3 0	Patna
.....	13 0 9	13 0 9	Darjeeling
.....	168 6 0	1 10 0	424 12 3	592 12 3	Jaipur
1,101 10 0	1,101 10 0	.....	.....	543 13 9	174 7 6	718 5 3	Bien
.....	946 6 7	47 14 0	994 5 1	Buriedpore
.....	674 7 0	24 12 0	698 3 6	Backergunge
.....	400 8 3	282 1 3	682 9 6	Tippurah
.....	897 8 0	.....	897 8 0	Mymensingh
.....	4,022 4 0	3 0 0	254 1 0	2,570 13 0	2,827 14 0	Chittagong
.....	14 6 9	72 2 0	86 8 9	Nonkhally
.....	413 10 0	300 11 8	204 14 9	628 4 5	Patna
.....	3 0 0	1,580 11 8	314 4 0	1,894 15 8	Gya
.....	90 8 0	145 4 0	24 14 6	201 11 0	Shahabad
.....	100 8 0	74 12 0	29 6 0	204 10 0	Mozaffarpore
.....	642 0 0	-18,124 0 11	24 1 0	-19,457 15 11	Durbhanga
.....	187 16 0	109 2 0	101 12 0	398 12 0	Sarun
.....	12 0 0	65 15 1	77 13 1	Chumprun
.....	-10 18 1	90 7 3	79 10 2	Monghyr
.....	1 8 0	541 10 3	280 11 4	822 13 7	Bhagulpur
147 8 0	147 8 0	.....	13 0 0	.....	26 4 6	39 4 6	Purneah
.....	66 12 6	66 12 3	Maldah
.....	184 7 2	1,107 12 0	140 5 6	1,505 8 8	Cuttack
.....	-911 8 0	8 4 1	-903 3 11	Pooree
.....	25 0 0	23 14 0	42 12 6	91 10 6	Balsore
.....	9 0 0	10 8 0	2 0 6	21 13 8	Hazaribagh
.....	2 13 0	89 12 0	-44 3 4	58 6 8	Lohardugga
.....	867 12 0	188 0 0	2 11 3	1,048 7 3	Manbhoom
1,240 2 0	1,240 2 0	6,222 4 0	2,975 6 2	-6,082 15 1	31,455 4 1	23,347 11 2	Total.
.....	65 4 0	2 8 0	91 1 6	156 13 0	Chittagong Hill Tracts
.....	Sonthal Pargunnahs
.....	Singbhoom
.....	65 4 0	2 8 0	91 1 6	156 13 0	Total.
1,240 2 0	1,240 2 0	6,222 4 0	3,040 10 2	-6,080 7 1	31,546 5 7	23,506 8 8	GRAND TOTAL.

CHINA DISTRICTS.

NON-CHINA DISTRICTS.

Districts.	Grant from Government.	EXPENSE ACCOUNT.			Total receipts.
		Advances.	Deposits.	Total.	
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
1 Burdwan	850 0 0	4,035 8 3	53 4 0	4,088 12 3	34,806 14 0
Bankura	2,116 13 2	7,550 1 3	.....	7,550 1 3	19,247 3 8
Beerbhoom	150 0 0	1,100 0 0	.....	1,100 0 0	16,747 0 10
Midnapore	600 0 0	11,856 5 0	43 4 3	11,899 9 3	5,452 2 7
5 Hooghly and Howrah	.....	22,004 5 0	.....	22,004 5 0	2,486 12 4
24 Pargunnahs	2,046 0 3	1,154 12 9	.....	1,154 12 9	37,720 6 5
Nudda	1,250 8 5	5,094 4 9	294 9 0	5,988 13 9	22,122 6 1
Jessore	600 0 0	3,982 12 9	.....	3,982 12 9	24,107 12 0
Khoulna	21 11 3	5,818 11 6	237 12 6	6,056 8 0	20,740 8 2
10 Moorsshedabad	576 2 6	2,129 8 10	.....	2,129 8 10	19,627 9 7
Dinagopore	360 0 0	4,577 1 6	.....	4,577 1 6	31,475 2 2
Raishahyo	550 0 0	21,501 12 11	.....	21,501 12 11	42,721 0 1
Rongpore	450 0 0	11,370 5 0	-27 13 9	11,342 7 3	57,447 6 0
Bogra	200 0 0	5,706 9 7	218 11 0	6,015 4 7	19,133 15 4
15 Patna	750 8 2	8,064 9 0	.....	8,064 9 0	23,071 9 5
Darjeeling	638 8 3	5,802 14 9	.....	5,802 14 9	8,174 5 7
Jalpigore	2,364 2 8	187 11 7	.....	187 11 7	15,069 12 3
Dacca	852 2 7	8,069 4 1	.....	8,069 4 1	20,223 2 6
Furzedpore	1,124 7 5	7,705 12 0	3,018 4 0	11,414 0 0	31,692 13 7
20 Backergunge	5,558 1 2	13,487 9 0	.....	13,487 9 0	46,628 5 5
Tippurah	600 0 0	18,010 9 0	800 0 0	18,916 9 0	21,304 9 6
Myemansingh	1,000 0 0	20,546 3 8	216 8 0	20,781 11 8	54,768 9 5
Chittagong	750 0 0	1,389 15 3	124 9 0	1,513 15 3	48,814 3 1
Nonkholly	7,152 4 11	5,314 6 7	7,101 8 0	12,505 14 7	21,902 3 8
25 Patna	1,764 7 4	13,728 3 8	165 0 0	13,893 3 8	61,050 0 2
Gya	1,878 15 1	6,626 10 6	846 12 8	7,073 7 2	51,647 1 5
Shahabad	850 0 0	1,151 8 0	1,074 15 9	2,226 7 9	37,704 6 1
Mozufferpore	1,200 0 0	50,283 2 5	30 0 0	50,313 2 5	31,390 4 9
Durbhanga	650 0 0	25,433 10 7	1,673 0 0	27,106 10 7	68,410 2 2
30 Sarun	806 0 0	9,885 16 6	.....	9,885 16 6	88,917 7 6
Chumparun	1,639 0 0	4,564 7 0	159 0 0	4,723 7 0	21,103 12 9
Monghyr	748 2 6	1,874 0 7	1,670 12 8	20,244 13 3	34,878 5 0
Bungulpar	350 0 0	4,184 2 7	.....	4,184 2 7	44,183 5 7
Purneah	220 0 0	4,200 4 4	-123 9 0	4,076 5 4	20,080 12 1
35 Maldah	850 0 1	.....	.....	.....	12,444 15 5
Cuttack	1,547 10 7	2,976 5 6	.....	2,976 5 6	4,233 2 11
Pooree	350 0 0	319 9 0	.....	319 9 0	5,518 4 4
Bainsore	250 0 0	4,083 0 7	399 0 0	4,482 0 7	2,747 0 6
40 Hazaribagh	1,552 11 1	685 1 3	314 0 0	2,551 1 3	5,20 6 6
Leharduaga	250 0 0	.....	.....	.....	3,381 2 9
Manbhoom ... ..	.....	.....	.....	.....	5,243 0
Total	47,237 12 8	3,51,038 10 4	18,014 6 1	3,72,948 0 7	12,50,263 11 7
Chittagong Hill Tracts ... ..	.....	388 8 8	.....	388 8 8	388 8 8
44 Bonthal Pergunnahs	10,000 0 0	2,503 12 6	.....	2,503 12 6	2,602 10
Singbhoom ... ..	.....	364 11 6	.....	364 11 6	10,567 6 0
Total	10,000 0 0	3,257 0 8	.....	3,257 0 8	13,418 8 8
GRAND TOTAL	57,237 12 8	3,57,290 11 2	18,014 6 1	3,76,305 1 3	12,93,681 4 2

1 P.T.S.

Balance of imprests in hands of Engineers and others decreased.	Balance of uncashed cheques increased.	Total receipts, including balance.	Outlay.	Balance in treasury on 30th September 1885.	DISTRICTS.
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
463 0 8	30,900 15 2	1,10,109 3 9	73,311 4 6	36,797 15 3	Burdwan 1
47 0 3	13,080 3 0	69,070 13 9	39,283 12 6	29,887 1 3	Bankura 1
960 7 3	28,511 7 0	49,468 11 2	18,934 12 3	30,518 14 11	Barrbhoom 1
292 10 3	22,441 2 2	1,75,473 5 7	1,09,222 2 11	75,251 2 8	Midnapore 1
470 5 9	2,319 10 10	1,20,213 4 4	75,505 13 2	44,647 7 2	Hooghly and Howrah 5
810 6 0	2,385 1 4	36,815 12 6	63,089 4 4	3,346 8 2	24 Pergunnahs
300 0 0	3,609 11 1	36,725 7 1	29,252 6 0	6,473 1 1	Nadwa
651 2 9	3,316 3 8	42,225 5 10	39,524 8 6	2,698 13 4	Jessore
700 0 0	3,315 8 0	61,255 10 6	39,744 8 1	21,509 2 5	Khoulia
405 9 8	960 15 3	61,087 11 0	24,215 6 0	26,882 5 0	Moorsheadabad 10
65 3 0	619 8 9	68,849 4 2	26,880 0 4	26,659 3 10	Dumkeopore
325 0 0	4,532 0 0	72,040 14 3	27,771 10 7	19,207 8 8	Rajshahy
26 0 0	2,021 4 6	84,092 16 7	54,682 5 6	40,060 5 1	Ranpore
400 0 0	203 1 3	68,304 15 6	28,418 11 9	23,046 3 8	Bogra
1,146 8 0	2,396 10 8	78,089 12 1	35,324 11 2	37,465 0 11	Patna 15
120 13 0	4,364 11 3	20,624 2 0	19,293 4 0	10,017 14 0	Darjeeling
442 2 11	14 1 6	16,545 3 1	8,412 12 2	7,082 7 3	Jalpigoree
336 0 1	4,364 11 3	1,11,889 9 8	64,767 2 6	60,114 7 2	Dacca
1,422 7 7	4,364 11 3	40,015 13 2	24,229 13 10	16,424 13 4	Farrukpore
100 0 0	14 1 6	1,02,069 10 0	66,324 7 1	46,235 3 5	Rackengunge 20
29 7 0	6,310 9 0	1,00,039 6 11	10,707 5 7	53,332 1 4	Tinnah
150 0 0	9,345 13 11	1,05,000 7 2	81,270 6 2	71,387 1 0	Wymensingh
77 13 5	371 6 6	1,13,755 3 8	73,587 14 2	40,167 5 6	Chittagong
11 7 7	20,393 15 2	42,770 3 9	22,915 10 9	19,854 9 0	Naokholly
	19,216 12 6	1,00,023 9 6	81,434 14 5	79,181 11 1	Patna 25
	15,605 2 7	1,03,418 2 1	91,181 14 2	12,366 3 11	Siya
	10,969 8 11	1,10,713 0 5	68,703 4 2	61,600 12 3	Shahabad
	8,584 2 3	80,542 3 8	66,134 8 5	14,105 11 3	Mozafferpore
	10,350 3 7	1,01,128 12 1	63,067 13 11	1,21,220 14 2	Durghunna
	10,520 8 9	2,32,074 10 2	85,984 10 0	1,46,090 0 2	Sarun 30
	3,077 13 1	37,087 4 3	27,026 11 0	19,090 9 4	Chumpanan
	3,182 14 7	1,05,285 8 3	61,747 3 3	53,538 5 0	Monohyr
	162 12 0	1,07,597 11 11	71,000 3 9	55,067 8 2	Bangulpur
	6,469 1 7	54,727 5 11	27,220 15 0	29,506 8 11	Purneah
	8,162 4 7	31,255 12 4	13,797 9 0	17,538 3 4	Mulda 35
	4,652 2 8	65,992 3 0	35,992 2 9	18,270 0 3	Cuttack
	11 4 10	7,980 4 3	6,194 4 1	889 0 2	Pooree
		27,373 8 0	17,097 3 7	5,260 4 5	Balasore
		41,966 0 1	24,000 1 1	17,911 5 0	Hazaribagh
		28,191 9 8	17,096 4 6	11,000 5 2	Lohardugga 40
		38,473 0 0	15,449 13 4	18,502 3 5	Manbhoom
9,392 0 3	2,46,072 3 9	82,94,074 11 1	18,15,580 16 3	14,13,494 0 10	Total.
203 6 6	998 0 0	6,306 1 2	5,187 13 9	2,118 3 5	Chittagong Hill Tracts
	819 1 0	30,352 0 11	15,044 9 8	29,107 7 3	Sonthal Pergunnahs
	100 1 0	17,141 0 6	7,473 11 9	9,650 4 9	Singbhoom 64
203 6 6	1,963 2 6	59,782 2 7	27,006 3 2	32,175 15 5	Total
3,655 11 9	2,48,035 6 3	82,93,856 13 8	18,43,186 13 5	14,50,679 0 3	GRAND TOTAL.

CHITTAGONG DISTRICTS.

Non-Cess Districts.

EXPEN							
DISTRICTS.	REFUNDS.			PROVINCIAL	ADMINISTRATION.		
	Cess.	Other receipts.	Total.	Establishment and contingencies of office of collection.	Establishment and contingencies of Committee's office.	Percentage cost of establishment for offices of account and control.	Total.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
1 Burdwan	9 8 3	.....	9 8 3	1,479 8 11	663 4 4	1,183 0 1	1,736 4 5
Bunkoora	4 5 9	4 2 9	8 8 6	2,365 6 5	821 2 2	354 2 5	674 4 7
Beerbhoom ... ..	.....	.....	.....	657 15 0	233 0 3	493 13 10	696 14 1
Midnapore ... ..	.....	43 2 3	43 2 3	1,816 14 8	784 4 0	1,421 16 11	2,298 5 11
5 Hooghly and Howrah	.....	.....	.....	2,662 11 7	268 2 0	1,205 14 11	1,604 0 11
24 Pargunnahs	7 13 6	.....	7 13 6	1,808 15 10	570 0 3	840 1 8	1,410 1 8
Nuddea	4 1 5	2 0 3	2 1 6	836 9 1	400 0 0	629 4 1	835 4 1
Jessore ... ..	.....	.....	.....	2,040 9 5	901 15 2	604 16 7	1,569 14 9
Khoolna ... ..	.....	.....	.....	696 8 0	404 1 6	491 12 6	897 14 0
10 Moorshedabad	.....	.....	.....	1,116 9 8	801 8 0	532 1 11	833 9 11
Dumraoore ... ..	.....	7 3 6	7 3 6	648 14 8	255 15 5	492 4 8	748 4 1
Rajahmhye	26 5 3	115 5 3	141 10 6	631 12 3	316 0 0	574 10 11	849 11 5
Rangpore ... ..	.....	657 5 0	657 5 0	686 13 8	1,455 6 5	902 3 10	2,357 10 3
Boorra ... ..	.....	.....	.....	574 1 6	278 0 0	348 14 1	626 14 1
15 Pubna ... ..	.....	.....	.....	694 5 3	334 12 9	390 10 11	724 7 8
Darjeeling	3 7 8	.....	3 7 8	261 12 0	330 10 0	225 3 1	566 12 1
Julporee ... ..	.....	.....	.....	372 0 3	304 8 6	290 4 0	656 12 6
Dacca ... ..	.....	93 11 6	93 11 6	2,854 3 6	773 15 7	750 13 8	1,536 13 3
Furzedpore ... ..	.....	.....	.....	2,503 11 2	403 12 4	401 12 6	895 11 10
20 Backergunge ... ..	.....	170 7 6	170 7 6	5,322 11 7	511 6 0	903 5 8	1,414 11 8
Tipperah ... ..	.....	78 8 0	78 8 0	1,005 1 2	450 14 9	734 0 6	1,184 14 9
Mymensingh ... ..	.....	.....	.....	8,412 6 9	639 13 0	1,259 13 2	1,919 10 2
Chittagong ... ..	.....	.....	.....	3,109 3 4	679 6 4	670 15 8	1,256 5 7
Nonkholly ... ..	.....	.....	.....	360 10 0	390 14 0	564 5 5	950 3 5
25 Patna ... ..	.....	.....	.....	927 6 7	1,365 12 11	1,527 2 10	2,992 15 9
Gya ... ..	.....	22 13 2	22 13 2	4,060 0 4	1,207 14 0	1,736 7 10	2,944 5 10
Shahabad	85 0 0	107 15 9	192 15 9	943 8 3	280 16 0	1,265 3 10	1,565 13 1
Mozufferpore ... ..	.....	.....	.....	1,027 2 1	857 15 1	1,211 7 11	2,100 7 11
Durbhanga ... ..	.....	.....	.....	1,879 3 7	508 14 8	1,788 10 3	2,237 8 10
30 Saran	359 7 6	.....	359 7 6	1,821 11 0	761 4 6	1,589 10 5	2,350 14 11
Chumparan ... ..	.....	.....	.....	1,457 1 4	231 10 8	607 7 1	839 1 9
Monghyr ... ..	.....	.....	.....	757 8 6	470 3 0	994 0 0	1,441 2 0
Bhagalpur ... ..	.....	.....	.....	690 10 6	554 11 3	1,248 4 1	1,848 1 4
Purneah ... ..	.....	15 5 6	15 5 6	465 7 6	493 15 0	523 12 2	1,017 1 2
35 Maldah ... ..	.....	.....	.....	231 0 0	244 7 9	270 6 9	514 14 6
Cuttack ... ..	.....	27 14 6	27 14 6	925 9 9	235 0 0	545 2 8	770 2 8
Pooree ... ..	.....	149 0 0	149 0 0	351 12 0	423 0 5	237 10 1	661 10 6
Balasore ... ..	.....	.....	.....	368 12 2	278 3 0	221 7 10	420 10 10
Hazaribagh ... ..	.....	.....	.....	257 7 0	224 4 0	673 8 0	797 7 0
40 Lohardugga ... ..	.....	.....	.....	690 8 0	493 6 4	731 7 4	824 13 8
Manbhoom ... ..	.....	.....	.....	925 9 8	626 2 3	331 8 9	857 11 0
Total	491 12 2	1,472 14 11	1,964 11 1	56,781 2 5	20,814 7 1	31,606 7 11	53,420 15 0
Non-Cess Districts.							
Chittagong Hill Tracts ... ..	.....	.....	.....	.....	5 0 0	.....	5 0 0
44 Sonthal Pargunnahs ... ..	.....	.....	.....	.....	252 4 0	.....	252 4 0
Singbhoom ... ..	.....	.....	.....	.....	115 8 0	.....	115 8 0
Total ... ..	.....	.....	.....	.....	372 12 0	.....	372 12 0
GRAND TOTAL	491 12 2	1,472 14 11	1,964 11 1	56,781 2 5	21,187 3 1	31,606 7 11	53,753 11 0

DITURE.

STATIONERY.	PUBLIC WORKS.						DISTRICTS.
	Original works.	Repairs.	Establishment.	Tools and plant.	Toll and ferry establishment and contingencies.	Establishment of Divisional Superintendent of Works.	
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
58 6 2	7,210 13 0	51,393 4 11	4,667 14 10	44 8 0	.....	4,780 2 0	Burdwan ... 1
134 5 5	15,030 1 6	14,084 4 9	2,011 9 1	213 10 3	.....	2,422 0 0	Bankura ...
.....	6,100 2 2	5,810 2 6	2,216 3 0	32 0 0	.....	2,335 0 0	Besbhoom ...
86 1 3	8,880 4 3	72,434 4 3	5,784 6 8	.....	.....	3,350 0 0	Midnapore ...
229 9 11	4,628 6 9	51,009 0 9	4,116 11 3	118 12 6	.....	2,996 0 0	Hazilly and Howrah ... 5
401 11 3	5,180 8 3	37,899 5 7	5,849 0 3	338 11 9	.....	.....	24 Pergunnahs ...
60 10 9	1,412 8 9	21,054 5 10	2,370 14 3	.....	.....	.....	Nuddea ...
316 15 3	2,421 15 3	14,172 15 3	6,062 13 9	230 12 3	.....	.....	Jessore ...
426 5 0	15,060 1 3	15,163 9 9	1,638 3 0	102 12 3	.....	.....	Khoolna ...
167 3 3	321 5 0	17,038 15 4	3,480 12 7	104 12 0	.....	.....	Mooreabad ... 10
12 10 0	6,987 15 0	12,648 12 6	3,330 10 4	87 0 0	.....	.....	Dumgaopore ...
104 0 8	8,849 7 0	15,179 9 6	2,645 9 0	188 9 3	.....	3,630 8 0	Rajshahye ...
264 1 0	26,370 11 6	7,341 13 6	3,670 5 0	331 2 4	.....	.....	Rungpore ...
0 13 0	4,976 12 6	12,831 0 8	1,774 0 6	28 2 0	.....	2,024 9 0	Rogra ...
43 11 4	4,370 5 9	10,132 12 6	1,946 3 9	9 11 9	.....	2,318 4 0	Pubna ... 15
13 12 3	.....	8,344 12 6	958 11 6	.....	.....	.....	Darjeeling ...
19 6 0	6,997 14 3	-2,415 2 2	1,791 10 0	7 8 0	.....	.....	Jalpaigore ...
79 2 2	25,000 8 3	7,523 15 3	2,674 11 9	26 8 0	5,647 4 8	-6,943 10 4	Imoca ...
43 14 9	5,445 8 5	3,071 15 6	2,632 0 1	5 0 0	.....	1,353 5 6	Furzednora ...
28 11 0	10,688 2 3	12,550 12 3	2,789 13 10	200 0 0	3,900 0 0	-327 3 6	Bankerunge ... 20
46 8 0	21,015 4 6	17,046 3 9	3,751 2 8	1,980 12 0	508 15 9	.....	Tippurah ...
46 15 0	53,460 15 6	11,982 1 6	4,569 3 9	29 5 0	.....	-164 3 6	Myme sinch ...
444 1 11	21,982 11 11	20,433 15 2	4,841 3 10	222 15 6	.....	0 0	Chittagong ...
22 6 3	4,380 10 7	11,662 2 7	2,462 8 7	124 12 0	.....	.....	Nankholly ...
232 6 9	10,873 7 9	42,670 9 10	5,169 9 6	412 7 9	.....	1,157 0 0	Patna ... 25
333 15 0	25,895 4 2	24,247 15 7	8,837 8 3	1,077 8 0	1,005 3 9	.....	Gya ...
109 1 9	11,453 5 4	31,344 10 4	6,277 1 0	785 15 1	.....	648 0 0	Shahabad ...
26 10 4	35,583 4 4	19,829 6 9	5,203 11 1	753 1 9	.....	.....	Mozufferpore ...
85 13 0	7,114 4 0	33,740 7 7	3,640 6 6	467 6 6	889 7 9	4,632 4 0	Durbhunga ...
547 10 6	29,324 0 7	23,695 11 9	4,619 12 0	373 3 0	410 15 0	785 0 0	Saran ... 30
.....	6 13 0	14,021 1 5	3,634 1 5	43 6 0	.....	.....	Chumparan ...
.....	20,871 6 5	17,301 4 3	4,713 11 4	4 8 0	.....	1,171 14 0	Monchyr ...
.....	7,080 11 9	39,856 11 8	6,076 13 7	203 4 0	.....	.....	Bhargulpar ...
36 5 3	941 5 6	10,430 12 3	4,551 15 1	159 11 6	13 4 3	.....	Purneah ...
.....	476 0 9	10,620 4 6	1,328 10 0	133 4 9	.....	.....	Moldah ... 35
59 13 1	6,190 4 10	20,607 13 10	1,867 3 3	459 6 9	.....	.....	Cuttack ...
24 4 3	809 6 11	3,388 2 2	600 0 0	-63 2 0	92 6 6	.....	Pooree ...
609 9 0	2,795 14 10	12,311 6 9	1,330 0 0	32 0 0	.....	.....	Balasore ...
3 5 0	4,543 6 4	11,556 0 5	1,904 4 3	76 10 0	.....	.....	Hazaribach ...
135 1 7	2,493 1 11	9,820 3 9	2,540 7 6	111 6 0	.....	.....	Lohardugga ... 40
25 0 6	1,529 13 10	9,492 10 2	2,053 4 3	.....	.....	.....	Masbhoom ...
5,327 8 3	4,59,067 1 6	7,93,701 5 10	1,46,425 9 2	9,419 3 1	11,855 9 8	23,867 9 2	Total.
.....	633 4 3	2,202 2 6	1,320 0 0	14 7 0	.....	.....	Chittagong Hill Tracts ...
.....	2,903 7 3	5,938 8 6	1,194 10 5	27 2 6	.....	.....	Sonthal Pergunnahs ...
10 5 9	64 11 6	5,473 6 9	776 0 0	87 10 0	.....	.....	Singbhoom ... 44
20 5 9	3,600 7 0	17,613 1 9	3,289 10 5	129 3 6	.....	.....	Total.
5,347 14 0	4,62,667 3 6	8,11,314 7 7	1,49,715 3 7	9,548 5 7	11,855 9 8	23,867 9 2	GRAND TOTAL.

CESSE DISTRICTS.

NON-CESSE DISTRICTS.

DISTRICTS.	PUBLIC WORKS.		IRRIGATION.		MISCELLANEOUS.			Contribution to Provincial Government.
	Total.		Canal toll establishment and contingencies.	Staging bungalow establishment and contingencies.	Staging bungalow petty construction and repairs.	Miscellaneous.	Total.	
	Rs. A. P.			Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
1 Burdwan	67,535 10 9							
Bankura	33,761 9 7			107 0 0		111 5 0	617 4 0	
Beerbhoom	14,473 7 8			33 0 0	398 15 0	1,239 4 3	1,261 4 3	
Midnapore	90,440 1 0							
5 Hooghly and Howrah	66,718 15 3					28 3 0	28 3 0	
24 Porabunahs	46,065 9 10					278 6 8	278 6 8	
Nadwa	24,837 12 10			75 0 0	231 5 3	188 8 8	525 8 6	
Jessore	21,518 8 5			162 0 0	587 7 4		749 7 4	
Khoulna	32,194 10 3			120 0 0	37 7 7	93 4 3	940 11 10	
10 Moorshedabad	30,048 12 11							
Dinagopore	28,033 5 4							
Rajshahy	30,284 10 3			28 15 0	130 0 0		148 15 0	
Rangpore	37,014 0 6			60 0 0	23 8 9		83 8 9	
Bogra	21,729 8 10					3,812 13 6	3,812 13 6	
15 Patna	18,777 5 9							
Darjeeling	1,344 8 0							
Jalpigoree	5,381 14 1			30 0 0	4 5 0	48 0 0	48 0 0	
Dacca	34,832 5 7						103 5 0	
Farradpore	13,113 7 6							
20 Backergunge	38,110 8 10							
Tipperah	43,832 5 8							
Mymensingh	69,872 4 3							
Chittagong	53,480 12 5					105 1 6	105 1 6	
Nonkhally	18,517 1 9			12 0 0			12 0 0	
35 Patna	60,129 2 10			637 15 6	2,377 11 8		3,016 11 2	
Gya	70,561 7 9							
Shahabad	50,808 15 9			92 4 0	82 8 7		174 12 7	
Mozufferpore	61,459 7 11			72 8 0	216 15 0	126 13 10	416 4 10	
Durbhunga	65,904 4 4			60 13 4	28 8 3		119 2 7	
30 Sarun	69,166 10 4			65 1 0	65 14 9		130 15 9	
Chumparun	17,707 5 11							
Monkhyr	44,122 11 0							
Bhagulpur	58,787 9 0				120 15 0		120 15 0	
Purneah	22,097 0 7					8 6 0	8 6 0	
35 Maldah	12,564 4 0							
Cuttack	29,080 12 8			156 15 1	2,098 11 0		2,255 10 1	
Pooree	4,525 13 7			80 0 0	107 11 9		187 11 9	
Balasore	16,369 5 7			27 0 0			27 0 0	
Hazaribagh	18,080 5 0			32 0 0	126 13 9		158 13 9	
40 Lohardugga	14,553 3 2			54 0 0	279 3 1	32 4 0	365 6 1	
Manbhoom	13,075 12 3				244 3 11	9 8 0	253 11 11	
Total	14,40,336 5 5			1,936 7 11	7,221 5 10	5,948 8 10	15,166 4 7	
Chittagong Hill Tracts	4,168 13 9							
44 Sonthal Pergunnahs	14,003 12 8			133 10 0	74 11 6		210 5 6	
Singbhoom	6,336 12 3							
Total	24,632 6 8			133 10 0	74 11 6		210 5 6	
GRAND TOTAL	14,73,968 12 1			2,136 1 11	7,296 1 4	5,948 8 10	15,376 13 1	

ROAD FUND.

Road Committees for the Fourth Quarter of the Cess Year 1885-86, ending 30th September 1886.

EXPENDITURE.

EXPENSE ACCOUNTS.			Total expenditure.	Balance of imprests in hands of Engineers and others increased.	Balance of uncashed cheques decreased.	Total outlay.	DISTRICTS.
Advances.	Deposits.	Total.					
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
2,420 0 0	79 0 0	2,499 0 0	78,311 4 6	.....	.....	78,311 4 6	Rurdwan
1,408 0 0	200 0 0	1,608 0 0	30,233 12 0	.....	.....	30,233 12 0	Bankoora
1,735 0 0	.....	1,735 0 0	18,824 9 0	.....	110 3 3	18,934 12 3	Beerbhoom
5,057 3 0	501 9 0	5,558 12 0	1,00,222 2 11	.....	.....	1,00,222 2 11	Mudnapore
5,292 4 6	.....	5,292 4 6	75,595 13 2	.....	.....	75,595 13 2	Hooghly and Howrah
556 10 0	.....	556 10 0	53,460 4 4	.....	.....	53,460 4 4	24 Pargunnahs
1,405 14 9	216 11 6	2,022 10 3	29,252 6 0	.....	.....	29,252 6 0	Nuddea
9,827 9 9	.....	9,827 9 9	30,443 1 4	.....	3,081 7 2	30,526 8 6	Jessore
2,093 10 6	47 13 0	2,141 3 6	34,744 8 1	.....	.....	34,744 8 1	Khoolna
1,159 3 6	.....	1,159 3 6	24,215 6 0	.....	.....	24,215 6 0	Moorshedabad
2,489 9 11	.....	2,489 9 11	20,800 0 4	.....	.....	20,800 0 4	Dinagopore
20,573 14 0	.....	20,573 14 0	52,773 10 7	.....	.....	52,773 10 7	Rajshubye
13,488 3 9	1,347 4 0	12,118 15 0	51,032 5 6	.....	.....	51,032 5 6	Rangpore
1,076 1 1	28 7 9	1,704 8 10	28,448 11 9	.....	.....	28,448 11 9	Bogra
6,314 13 0	.....	6,314 13 0	26,524 11 2	.....	.....	26,524 11 2	Pabna
476 0 0	.....	476 0 0	10,000 4 0	.....	.....	10,000 4 0	arjeeling
2,777 6 4	.....	2,777 6 4	9,312 12 2	.....	.....	9,312 12 2	ulpigoree
3,781 15 6	8,500 0 0	12,281 15 6	51,707 2 6	.....	.....	51,707 2 6	Dacca
6,800 15 0	803 3 7	7,604 2 7	24,220 15 10	.....	.....	24,220 15 10	Farrakpore
11,117 9 8	100 0 0	11,217 9 8	56,824 7 1	.....	.....	56,824 7 1	Backergunge
.....	.....	.....	46,707 5 7	.....	.....	46,707 5 7	Tippurah
6,228 2 0	900 0 0	6,128 2 0	81,279 6 2	.....	.....	81,279 6 2	Mymensingh
14,932 1 0	269 4 5	15,201 5 5	73,587 14 2	.....	.....	73,587 14 2	Chittagong
2,712 5 4	125 0 0	2,837 5 4	22,015 10 9	.....	.....	22,015 10 9	Noakholly
4,424 1 1	8,829 2 3	4,251 3 4	91,438 14 5	.....	.....	91,438 14 5	Patna
13,026 9 6	231 10 5	13,257 4 1	91,191 14 2	.....	.....	91,191 14 2	Gya
4,719 4 0	308 13 0	5,027 1 0	58,773 4 2	.....	.....	58,773 4 2	Shahabad
.....	1,308 8 3	1,308 8 3	66,436 8 5	.....	.....	66,436 8 5	Mozufferpore
8,205 5 11	20 0 0	8,215 5 11	68,691 9 4	.....	1,316 4 7	69,007 13 11	Durbhanga
23,350 4 0	100 0 0	22,450 4 0	85,084 10 0	.....	.....	85,084 10 0	Sarun
6,120 1 11	.....	6,120 1 11	25,143 10 11	.....	1,883 0 1	27,026 11 0	Chumpanun
6,105 13 9	290 0 0	6,404 13 9	51,747 8 3	.....	.....	51,747 8 3	Monghyr
9,493 1 8	5,735 13 0	15,218 15 2	71,030 3 0	.....	.....	71,030 3 0	Bhagulpur
1,595 9 0	.....	1,595 9 0	25,220 13 0	.....	.....	25,220 13 0	Purneah
602 4 0	105 4 0	707 0 0	13,717 9 0	.....	.....	13,717 9 0	Maldah
1,992 4 0	.....	1,992 4 0	35,062 3 9	.....	.....	35,062 3 9	Cuttack
.....	.....	.....	6,191 4 1	.....	.....	6,191 4 1	Pooroo
615 14 0	40 0 0	653 14 0	19,107 3 7	.....	.....	19,107 3 7	Balassore
4,092 7 4	720 1 0	4,792 8 4	24,020 1 1	.....	.....	24,020 1 1	Hazaribagh
199 13 0	316 5 0	516 4 0	17,093 4 6	.....	.....	17,093 4 6	Lehardwara
.....	.....	.....	15,140 13 4	.....	.....	15,140 13 4	Manbhoom
104,840 9 9	23,350 0 8	2,28,190 10 5	18,09,187 11 2	.....	6,392 15 1	18,15,580 10 3	Total.
14 0 0	.....	14 0 0	4,187 13 9	.....	.....	4,187 13 9	Chittagong Hill Tracts
1,418 3 6	.....	1,418 3 6	15,944 9 8	.....	.....	15,944 9 8	Southal Pargunnahs
875 0 0	24 0 0	909 0 0	7,444 10 0	20 1 9	.....	7,473 11 9	Singbhoom
2,807 3 6	34 0 0	2,841 3 6	27,577 1 5	20 1 9	.....	27,606 3 2	Total.
207,147 13 8	23,384 0 8	2,30,531 13 11	18,36,764 12 7	39 1 9	6,392 15 1	18,43,156 13 5	GRAND TOTAL.

Cess Districts.

Non-Cess Districts.

E. T. ATKINSON,
Accountant-General, Bengal.

PROGRESS REPORT OF THE BENGAL ECONOMIC AND ART MUSEUM.

REVENUE DEPARTMENT—MISCELLANEOUS.

Calcutta, the 3rd May 1887.

RESOLUTION.

READ—

The Progress Report of the Bengal Economic and Art Museum for the year 1886-87.

This Report was submitted to Government by the late Committee of the Bengal Economic and Art Museum on the 31st March 1887, and on the following day the Committee was dissolved after making over to the Trustees of the Indian Museum the collections of the Bengal Economic and Art Museum. These collections the Trustees of the Indian Museum were empowered by Act IV of 1887 to receive, and they will for the future be in charge of the Assistant Curator, an officer who has been appointed with the sanction of the Secretary of State, and who will act under the control of the Trustees.

The work of consolidating the collections was continued during the year. As was noted in last year's Resolution, the collections are divided into four sections, viz., Artware, Economic, including timber, Ethnology, and Industrial. In the Artware section in which the specimens are classified in 27 groups and number about 8,670, much work was done in systematising the arrangements and in labelling the specimens with available information. Show-cases were bought for the better exhibition of specimens. In the Economic section, which has 17,785 specimens, exclusive of timber, arranged in 13 classes, the collections were in part re-arranged. Two hundred and one new specimens were received in this section during the year, and a considerable number of specimens which had become worm-eaten and decayed were destroyed. A large portion of the timber collection was handed over to the Government of India to be used in making the timber trophy for the London Exhibition. The Ethnology section has been expanded by taking into it a large hall belonging to the temporary buildings. New glass cases have been provided for the exhibits in this section, and much work has been done in labelling and re-arrangement. In the Industrial section, which contains almost all the presentations made to the Bengal Government by exhibitors of the British and Foreign Courts at the Calcutta Exhibition of 1883-84, no change was made. The Committee had charge during the year of the accounts and correspondence work connected with the exhibits from these Provinces sent to the London Exhibition.

More than four hundred thousand persons visited the Museum during the year, the monthly average being 34,000 as against a monthly average attendance of 24,500 in the preceding year. The number of visitors was greatest in October and February; in the former month the Durga Pooja holidays were observed, and in the latter month 6,723 persons visited the Museum on the day of celebration of the Jubilee of the Queen-Empress.

The Lieutenant-Governor takes this opportunity of publicly acknowledging the services rendered by the members of the late Committee, and in particular by Mr. Horace Cockerell, their Chairman, ably assisted by Mr. Alexander Pedler, their very efficient Secretary. The valuable collection entrusted to the Committee was found to be in excellent order when it was transferred to the Trustees of the Indian Museum.

By order of the Lieutenant-Governor of Bengal,

P. NOLAN,

Secretary to the Government of Bengal.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government during the week ending the 30th April 1887.

No.	District and date of return.	Rainfall at Sudder station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.			
<i>Western Districts.</i>			
BURDWAN DIV.	1 Burdwan, April 30, '87	Nil	Weather—hot. State and prospects of crops very fair; but rain wanted. Price of rice rising, but still cheap. Sp-radic cholera throughout the district. Fever appearing. Cattle-pox lingers in Culna.
	2 Bankura, " 30 "	0.32	Weather—seasonable. Sugarcane is being planted. Standing crops doing well. Prices steady. Public health good.
	3 Beerbhoom, " 30 "	0.02	Weather—sultry with occasional light showers. No crops now on the ground. Rain is awaited to admit of paddy being sown. Sugarcane being planted out, and land manured for that crop. Cholera in epidemic form reported from Muraroi outpost, and the disease has made its appearance at Soory itself.
	4 Midnapore, " 30 "	0.27	Tempestuous weather. State and prospects of crops good.
	5 Hooghly, " 30 "	Nil	Weather—windy and hot. Ploughing going on. Mango crop promising. Fever and cholera still prevalent.
PRESIDENCY DIV.	Howrah, May 2 "	0.20	Weather—stormy with southerly winds. Boro rice is being harvested. This crop and sugarcane good. Ploughing proceeds. Cholera slackening.
	Oolcoberia, " "	0.11	
	<i>Central Districts.</i>		
	6 24-Pergha, May 3 '87	0.15	Weather—hot with occasional storms. Ploughing continues. Sugarcane doing well. Prices stationary. Isolated cases of cholera and fever; public health generally good.
	7 Nuddes, " 30 "	0.75	Fresh south wind, and weather not so hot as in previous week. Boro rice and indigo lately sown doing well. Ploughing for <i>aus</i> crop going on. Some rain would be beneficial. Some cholera in Kushtea sub-division.
RAJSHAHY DIV.	8 Ranaghat, " "	0.16	
	9 Khoolua, " 30 "	Nil	Weather—hot with south wind. Storm of wind with slight rain on night of 28th. Boro rice harvest continues. Want of rain is felt. Public health fair.
	10 Jessore, " 30 "	0.05	Weather—very hot. Sowings are at a stand-still for want of rain. Cholera prevails in parts of Magurah and Narail sub-divisions, elsewhere it is abating.
	11 Moorsheedabad, " 30 "	Nil	Weather—warm and cloudy occasionally. Boro paddy is being harvested. Bhadoi promising. Cholera prevailing in parts of Jungipore sub-division.
RAJSHAHY DIV.	12 Dinagpore, April 30, '87	0.07	Weather—cloudy with east wind. Sowing of <i>bhadoi</i> and <i>jute</i> going on. Rice 25 seers per rupee.
	13 Rajshahy, " 30 "	Nil	Weather—very hot. Prospects of <i>boro</i> paddy and <i>jute</i> promising. Rain wanted for preparation of lands for <i>aus</i> and <i>aman</i> sowings, and for protection of seedlings. Public health fair.
	14 Nowgong, " "	0.37	
	15 Bangpore, " 30 "	8.53	Violent storms with heavy showers of rain and occasional hail during the last few days. Rain wanted at Nilphamari, but quite enough has fallen in the rest of the district. State of crops satisfactory. Cholera unusually severe all over the district and public health generally bad.
	16 Nilphamari, " "	Nil	
	17 Kurigram, " "	9.70	
	18 Gaibanda, " 30 "	2.70	Weather—very warm. Sowing of <i>jute</i> and <i>aus</i> still going on. Public health fair. Cattle-disease reported from thum Khetlal.
	19 Bogra, " 30 "	Nil	Weather—warm and cloudy. Rain accompanied by hail last evening (29th). Prospects of crops good. Cholera reported.
RAJSHAHY DIV.	20 Pabna, " 30 "	0.23	Weather—changeable. State and prospects of crops good.
	21 Forajgonge, " "	0.43	Damp cloudy weather; strong east winds, and frequent showers varied with sunshine. Weather favourable for cultivation of early rice which is coming up everywhere. Prospects of sugarcane good. <i>Jute</i> coming up. Fever prevalent. Some small-pox in Alipore tehsil, and cholera in Boda.
	22 Darjeeling, " 30 "	0.63	
RAJSHAHY DIV.	23 Jalpigore, " 30 "	0.31	
	<i>Eastern Districts.</i>		
Dacca Division.	24 Dacca, April 30, '87	1.12	Weather—hot; latter part of the week cloudy. Sowing of <i>aus</i> and <i>aman</i> going on. Boro paddy nearly cut. Prospects of crops good. A good many cases of cholera in Munshiganj and Manikganj sub-divisions.
	25 Furraddpore, " 30 "	Nil	Weather—seasonable. Paddy is being sown. Public health on the whole good.
	26 Goalundo, " "	0.75	Outbreak of cholera here and there.
	27 Backergunge, " 29 "	Nil	Weather—very hot and dry. Cultivation of <i>aus</i> paddy has begun. Rain much wanted. Cholera prevails in most of the stations; but general health somewhat better than last week.
CHITTAGONG DIV.	28 Mymensingh, " 29 "	0.74	Rain on three days; high winds. Prospects of crops good.
	29 Jamalpur, " "	1.61	
	30 Natokang, " "	0.53	
	31 Chittagong, May 3, '87	0.14	Weather—sultry. More rain wanted. Prices steady. Cholera in Cox's Bazar, but general health good.
	32 Noakhally, April 29 "	Nil	Weather—generally fine. High southerly wind. Sowing of <i>aus</i> progressing. Rain will improve its prospects. Much fever in town.
CHITTAGONG DIV.	33 Tipperah, " 28 "	Nil	Weather—hot and cloudy with occasional high winds. Boro harvest is nearly finished. Prospects of crops favourable, the weather being seasonable.
	34 Chittagong Hill Tracts, " 26 "	Nil	Weather—excessively hot throughout the week. <i>Joom</i> -burning still continues in some places. Harvesting of tobacco nearly over. A few cases of fever reported.
	35 Hill Tipperah, " 27 "	1.15	Weather—hot. <i>Aus</i> paddy being sown. Sugarcane still being transplanted. Prospects of <i>boro</i> paddy and chillies fair. Public health good.

No.	District and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BEHAR.			
PATNA DIV.	26 Patna, April 30, '87	Nil	Weather—hot. Sugarcane growing well. Opium weighment going on. Cholera has broken out in some parts of the Patna City.
	27 Gya „ 30 „	Nil	Weather—cloudy Sugarcane coming on well. Cholera and fever reported from some stations.
	28 Shahabad, „ 30 „	Nil	Weather—very hot during the day; mornings cool; east wind prevailing. Winnowing of <i>rubber</i> crops progressing. <i>Cheena</i> doing well. Sugarcane is being irrigated. Public health fair. Prices stationary.
	29 Darbhanga „ 30 „	Nil	East wind prevailing. Threshing of <i>rubber</i> crops in progress. Early rice, <i>moong</i> and indigo in good condition. Fields are being prepared for <i>bhadoi</i> sowings. Price of common rice averages 22 seers per rupee. Cholera continues to be reported from the town and interior.
	30 Muzafferpore, „ 30 „	Nil	Weather—hot in the day; cool at night, with strong east wind. Harvesting of <i>rubber</i> completed. Other crops coming up well, and prospects satisfactory. Some cases of cholera reported; public health otherwise good.
	31 Saran, „ 30 „	Nil	Easterly winds prevailing. Prospects of crops continue good. Cholera reported from Sudder and Sonapur thannas.
32 Champaran, „ 30 „	Nil	Weather—hot. Strong east wind blowing generally in the night. Harvesting of <i>rubber</i> crops almost finished. Weighment of opium going on. Prospects of indigo favourable. Sowing of <i>bhadoi</i> and <i>aghani</i> on low lands commenced. Prices stationary. Cholera has made its appearance both in the town and in the interior.	
BRACHULPORE DIV.	33 Moughya, April 30, „	Nil	Weather—hot; easterly wind prevailing. Threshing of <i>rubber</i> continues. Lands are being ploughed for <i>bhadoi</i> crop. Public health generally good, except for an outbreak of cholera in the north-east corner of the district across the Ganges.
	34 Bhagulpore, „ 30 „	Nil	Heat tempered by strong east wind. Rain now wanted. Sugarcane doing well. Prospects of paddy and <i>moong</i> on low lands good. Cholera still prevalent in the north.
	35 Purneah „ 30 „	Nil	Strong east wind. Temperature very low for time of year. Jute and early rice are being sown. All standing crops doing well. Rain wanted in some places.
	36 Maldah, „ 30 „	Nil	Weather—warm, with easterly winds. <i>Boro</i> paddy is thriving, and is expected to be a good crop. <i>Bhadoi</i> is still being sown; some seedlings are above ground. Common rice is selling at an average of 25 seers per rupee. Public health good.
	37 Bonthal Pergu, „ 30 „	Nil	Weather—hot and sultry with easterly winds; working up for a storm. Very little crop on the ground. Public health not good.
ORISSA.			
UNIMA DIV.	38 Cuttack April 29, '87	Nil	Weather—hot with high winds. Reaping of <i>dalsa</i> rice nearly completed with indifferent outturn. Ploughing in progress. Rain wanted. Common rice sells at 18 seers per rupee in town and 22 to 25 seers in the interior. Public health generally good.
	39 Pooree „ 29 „	Nil	Weather—seasonable. The soil is being manured. <i>Dalsa</i> crop is being harvested. Common rice 26 seers per rupee in Sudder sub-division and 24 seers 9 chittaks in Khoorda sub-division. Cases of cholera and small-pox reported from the interior.
	40 Balasore, „ 29 „	Nil	Weather—hot. Ploughing going on in the south. Rain wanted in the north. Prospect of crops promising. A few cases of cholera reported; public health otherwise good.
CHOTA NAGPORE.			
South-West Frontier Agency.			
41 Basaribaga. April 29, '87	Nil	Weather—seasonable; very warm. Sugarcane doing well. Mango indifferent. <i>Makua</i> below average. General health good.	
42 Loharugga. „ 30 „	Nil	Weather—hot and cloudy. No crop on the ground. Cholera and small-pox reported from Palamow.	
43 Singbhoom, „ 29 „	Slight rain on 28th.	Heat intense with severe storms last evening (28th). <i>Boro</i> paddy ripening. <i>Jettia</i> paddy is being sown. <i>Makua</i> coming into fruit. Transplantation of sugarcane continues. Measles reported from Kokpara outpost; otherwise public health good.	
44 Machbhoom, „ 30 „	Nil	Weather—hot, with dust-storms; clouds gathering. Cotton pods bursting. Sugarcane doing well. Indigo doing well in Barrabham and Patkum. Cholera reported from Manjazar and Nirsha.	

Published for general information.

CALCUTTA, REVENUE DEPT.;
The 3rd May 1887.P. NOLAN,
Secy. to the Govt. of Bengal.

Results of the Meteorological Observations taken at the Alipore Observatory from 24th to 30th April 1887.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 55 Fahr.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	W. STATE.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1887.		O		Inches.	O	O		O	O	Inches.	O	%			Inches.	
April	24th	148.7	10.4	29.792	86.1	93.4	15.0	78.4	78.5	0.872	75.1	71	SSW and S by W...	249	Nil	Chiefly clear.
"	25th	149.1	10.2	831	85.9	92.5	14.1	78.4	77.3	825	73.4	68	SSW and S ...	295	"	Clear.
"	26th	147.5	11.3	792	85.4	91.5	13.8	78.2	77.3	830	73.6	69	SSW and S ...	298	"	Clear.
"	27th	147.5	11.4	711	85.6	91.7	13.2	78.5	78.0	869	74.6	71	SSW and S ...	329	"	Clear.
"	28th	148.6	11.5	674	86.3	92.5	12.6	79.9	78.8	886	75.6	71	SSW and variable...	362	"	Day clear, night cloudy, c.
"	29th	149.4	11.5	650	85.6	94.3	15.1	79.2	77.6	848	74.2	67	SSW and variable...	334	0.18	Partially cloudy, c, h, p, l, s.
"	30th	151.5	10.7	693	84.3	92.5	18.9	73.6	77.2	850	74.3	71	SW, S and variable	256	0.21	Chiefly cloudy, c, h, t, d, p, <.

The mean pressure of the seven days ... 29.735
The average pressure of the corresponding period for 24 years, S. G.'s Office ... 29.723

The total number of hours of bright sunshine ... 77.0
The maximum possible number of hours of sunshine ... 90.0

The mean temperature of the seven days ... 85.6
The average temperature of the corresponding period for 24 years, S. G.'s Office ... 85.0
The extreme variation of temperature ... 20.7
The maximum temperature ... 94.3

The highest velocity of the wind in one hour ... 23
The highest pressure of wind on one square foot ... 13

The mean relative humidity ... 70
The average relative humidity of the corresponding period for 24 years, S. G.'s Office ... 72

The total fall of rain from 24th to 30th April 1887 ... 0.39
The average fall of the corresponding period for 24 years, S. G.'s Office ... 0.79
The total fall from 1st January to 30th April 1887 ... 5.63
The average fall of the corresponding period for 24 years, S. G.'s Office ... 4.82

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph.
The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Alipore Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

c overcast, g gloomy, t thunder, p passing temporary showers, d drizzling rain, < lightning, s dust-storm.

JOHN ELIOT,

For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, GOVT. OF INDIA;
Calcutta, the 2nd May 1887.

Meteorological Report of the Province of Bengal.

			STATION OBSERVATIONS.												
METEOROLOGICAL DIVISION.	DISTRICT.	Representative station.	AIR PRESSURE.			WIND.		TEMPERATURE.							
			Mean barometric height, 10 A.M.	Mean reduced to sea-level.	Variation from mean.	Prevailing direction.	Mean wind velocity.	Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.
ORIGINAL.	Pooree	Gopalpore	29.786	29.886	—	SSW	381.0	87.2	23rd April	70.3	20th April	86.1	80.2	83.1	—
		Pulse Point	29.838	29.854	+0.022	SSW	415.0	90.5	20th	70.7	26th	80.2	80.2	84.7	+0.8
	Outlack	Outlack	29.746	29.826	+0.084	SSW	147.0	108.4	23rd	74.0	26th, 27th April.	101.7	80.2	90.0	+0.8
	Balasore	Balasore	29.766	29.824	—	Variable	85.0	96.0	23rd	72.8	20th	90.7	77.6	84.2	—
	South-West Midnapore	Saugor Island	29.821	29.847	+0.026	S	480.0	95.7	23rd	81.0	20th	82.4	81.6	87.0	+1.8
SOUTH-WEST BENGAL.	South 24-Pergunnahs	Midnapore	29.644	29.703	—	S	251.0	105.4	23rd, 24th April.	16.3	23rd	102.0	77.3	90.1	—
	Howrah	Calcutta	29.703	29.814	+0.115	SW, SSW	271.0	101.0	23rd	77.2	23rd	94.8	78.5	86.7	+0.8
	Hooghly														
	Burdwan	Burhwan	29.495	29.704	+0.209	S	183.8	103.0	23rd	73.4	23rd	101.7	77.8	89.5	+1.2
	Bankura	Bankura	29.459	—	—	SW	30.0	107.1	24th	77.5	20th	103.1	78.4	90.7	—
	Deerbhoom	Ranagunge	29.448	—	—	SSW	198.6	100.1	28th	75.0	23rd	100.5	77.5	92.0	—
	West Burdwan														
	Moorshedabad	Berhampore	29.732	29.790	+0.058	S, SSW	157.7	103.2	23rd	70.3	20th	101.4	76.4	88.9	+0.9
	Nuddea	Krishnachur	29.745	—	—	SSW	204.0	102.1	24th	70.0	20th	90.1	75.3	87.2	—
	Jessore	Jessore	29.702	29.825	+0.123	W	123.1	104.8	23rd	76.4	26th	99.5	78.1	88.8	+3.4
EAST BENGAL.	Khoolna														
	Chittagong	Chittagong	29.808	29.807	+0.001	S	137.0	90.1	23rd—25th April.	70.0	26th, 27th, 28th April.	80.7	76.7	83.2	+1.6
	Chittagong Hill Tracts	Dumagiri													
	Backergunge	Barrisal	29.843	29.855	—	S	180.2	92.8	23rd April	70.8	25th—27th April.	91.5	77.7	84.6	—
	Noakholly	Noakholly	29.820	29.872	—	SSW	28.0	91.0	24th	77.3	24th, 26th April.	90.3	78.7	84.5	—
	Furzedpore	Furzedpore	29.801	—	—	S	236.0	91.0	30th	73.0	20th	85.3	76.1	83.2	—
	Dacca	Dacca	29.821	29.846	+0.022	SSE	240.0	95.1	24th, 25th April.	74.6	20th	94.2	77.7	89.0	+2.0
	Tippurah	Comillah	29.820	29.855	—	SE	113.7	95.3	24th, 25th April.	75.8	24th, 25th April.	94.4	76.7	85.6	—
	Mymensingh	Mymensingh	29.806	—	—	Variable	133.0	92.8	24th	70.1	25th	89.0	75.1	81.5	—
NORTH BENGAL.	Bogra	Bogra	29.733	29.798	—	SE	135.1	102.0	24th	73.2	20th	97.3	75.7	86.5	—
	Pubna	Berajung	29.778	29.819	—	S	157.0	100.5	24th	71.5	20th	90.4	75.0	85.7	—
	Rajshahiye	Rainpore Beaulah	29.746	29.815	—	SE	142.5	102.4	24th	71.0	20th	99.6	74.6	87.1	—
	Maldah	Maldah	29.630	—	—	SE	54.0	100.8	23rd	71.7	24th	97.4	74.2	85.8	—
	Dinapore	Dinapore	29.605	29.814	—	ENE	158.0	97.1	24th, 25th April.	60.1	24th	91.7	72.7	82.2	—
	Rungpore	Rungpore	29.740	29.852	—	E	108.8	94.2	24th	68.5	20th	97.7	71.7	79.7	—
	Jalpigoree	Jalpigoree	29.574	29.805	—	?	100.2	90.0	23rd—25th April.	68.8	20th	83.8	70.5	78.8	—
	Cooch Behar														
	Darjeeling Hill Districts	Darjeeling	29.005	—	+0.002	Calm	132.0	65.8	23rd	49.2	20th	61.1	50.8	55.7	+3.4
	Purneah	Purneah	29.690	29.816	+0.126	ENE	27.0	99.3	23rd, 25th April.	67.7	24th	95.5	71.0	83.7	+0.4
NORTH BENGAL.	Mozufferpore	Mozufferpore													
	Durbhunga	Durbhunga	29.628	29.700	+0.072	ESE	202.0	96.9	25th, 26th April.	72.0	24th	98.0	74.4	85.2	+0.1
	Chumpran	Motihau	29.644	29.771	—	SE	220.6	100.5	23rd	63.4	23rd	97.6	70.9	84.3	—
	Saran	Chupra	29.680	—	—	E	133.5	104.5	27th	68.7	24th	102.1	78.0	87.6	—
		Dehree	29.359	29.733	—	ESE	187.6	101.5	26th	70.8	26th	90.0	74.0	80.8	—
	Shahabad	Buxar	29.511	29.749	—	Easterly	167.5	100.0	26th	64.6	23rd	102.7	75.9	88.3	—
		Arrah	29.550	29.745	—	E	122.9	106.4	26th	69.5	23rd	103.7	72.8	88.2	—
	Gya	Gya	29.363	29.731	+0.368	Northerly	83.6	107.0	26th	70.0	26th	105.8	77.1	91.5	+0.6
	Patna	Bankipore	29.502	29.773	+0.271	E	124.1	105.0	26th	69.3	26th	102.5	73.3	87.9	+0.4
	South Bhagulpore	Bhagulpore	29.611	29.778	—	E	14.5	98.4	23rd, 24th April.	69.0	24th	90.0	72.0	84.0	—
SOUTH BENGAL.	South Bhagulpore	Doonka	29.270	—	—	Calm	29.4	105.8	26th	72.5	24th	103.5	76.2	89.0	—
	Hazaribagh	Hazaribagh	27.783	29.710	+0.927	W	190.8	104.5	26th	71.7	26th	101.5	75.1	88.5	+2.2
	Lohardigha	Ranches	27.088	29.750	—	SW	104.7	105.0	26th	69.4	24th	101.9	72.0	87.4	—
	Manbhoom														
	Singbhoon	Chyabassa	29.013	—	—	SSW	64.7	110.0	26th	70.0	23rd	107.0	77.7	92.7	—

Explanation. — Summary. — The normal means of air pressure and temperature are the arithmetical averages or means of the readings during the same period for the years 1871 to 1880. The humidity of the atmosphere is expressed as percentage, saturated air being represented by 100. A clear sky is denoted by 0 and an overcast sky by 10. The rainfall is the sum of the rainfalls in that district determined from the returns sent in by the sub-divisional stations for the period in question during the year ending in figures divided by the number of stations. A rainy day is one on which at least hundredth of an inch fell.

the week ending Friday, the 29th April 1887.

DISTRICT OBSERVATIONS.														Representative station.	DISTRICT.	METEOROLOGICAL DIVISION.
Average cloud amount at 4 P.M. for week.	Rainfall of week at observing stations.	RAINFALL.														
		Of week.		Since 1st of Month.			Since 15th May 1886.			Average number of rainy days.	Normal number of rainy days.					
		Mean for district.	Normal mean.	Mean for district.	Normal mean.	Variation.	Mean for district.	Normal mean.	Variation.							
0	Nil	—	—	—	—	—	—	—	—	—	—	Gopalpore	Pooree	ORISSA.		
20	Nil	Nil	0'24	0'10	1'10	-0'01	62'15	58'80	+3'35	0'0	0'6	Fulke Point				
0	Nil	Nil	0'34	0'70	1'16	-0'40	66'39	54'84	+11'55	0'0	0'6	Cuttack			Cuttack	
0	Nil	Nil	0'40	0'80	1'01	-0'22	60'93	57'74	+3'19	0'0	1'2	Balasore	Balasore	SOUTH-WEST BENGAL.		
1'1	Nil	0'12	0'02	0'74	1'06	-0'02	55'20	67'40	-12'20	0'3	1'2	Sanger Island	South-West Midnapore			
0	Nil	0'10	0'77	1'28	1'74	-0'46	50'44	59'38	-8'94	0'7	1'1	Midnapore	South 24-Pergunnahs			
0'7	Nil	0'08	0'08	1'10	1'71	-0'61	61'95	50'43	+11'52	0'2	1'5	Calcutta	24-Pergunnahs	SOUTH-WEST BENGAL.		
0	Nil	0'10	0'00	1'43	2'04	-0'61	58'02	50'70	+7'32	0'7	1'5	Burdwan	Howrah			
0	Nil	0'25	0'40	1'76	1'00	+0'76	50'43	55'05	+4'62	0'8	1'1	Bankoora	Hogbly			
0	Nil	0'13	0'39	1'07	1'00	+0'88	70'64	54'50	+16'14	0'5	1'2	Raneegunge	Burdwan	SOUTH-WEST BENGAL.		
0	Nil	Nil	0'42	0'77	1'28	-0'51	64'70	51'88	+12'82	0'0	1'1	Berhampore	West Burdwan			
0'1	0'71	0'24	1'07	1'27	2'77	-1'50	61'50	51'50	+10'00	0'8	1'8	Krishnagur	Meerchidabad			
3'1	0'05	0'05	1'38	0'68	3'31	-2'63	64'13	60'10	+4'03	0'1	2'1	Jessore	Nudden	SOUTH-WEST BENGAL.		
7'1	Nil	Nil	1'34	Nil	2'71	-1'37	139'58	110'17	+29'41	0'0	2'0	Chittagong	Jessore			
3'0	Nil	Nil	1'10	Nil	5'42	-4'32	68'14	50'35	+17'79	0'0	1'9	Demakura	Khoolna			
1'0	Nil	Nil	1'14	0'70	3'02	-1'26	82'30	84'23	-1'93	0'0	1'8	Barrisal	Chittagong Hill Tracts	EAST BENGAL.		
0	Nil	0'31	1'61	1'22	3'01	-1'79	66'56	65'45	+1'11	0'7	2'0	Furreedpore	Backergunge			
5'9	1'11	0'57	1'50	1'51	4'29	-2'78	83'08	66'78	+16'30	1'3	2'7	Dacca	Nonkholly			
5'0	Nil	Nil	1'03	1'07	4'3	-3'27	80'10	80'43	-0'33	0'0	2'2	Commallah	Furreedpore	EAST BENGAL.		
7'1	1'05	0'02	1'63	2'40	3'53	-1'11	74'26	73'04	+1'22	2'0	2'6	Mymensingh	Tipperah			
3'1	Nil	Nil	0'28	0'24	1'08	-0'80	70'77	60'75	+10'02	0'0	1'5	Bogra	Mymensingh			
0'6	0'40	0'33	1'03	1'13	2'74	-1'61	60'74	58'05	+2'69	1'0	2'1	Seragunge	Bogra	NORTH BENGAL.		
0'7	Nil	0'40	0'00	0'70	1'00	-0'30	63'51	57'15	+6'36	0'5	1'2	Rampore Beaulah	Pabna			
0	Nil	Nil	0'22	1'33	0'88	+0'45	64'78	55'79	+9'00	0'0	1'0	Maldah	Rajshahye			
8'0	0'07	0'01	0'40	0'00	0'06	-0'06	70'35	65'74	+4'61	0'2	1'0	Dinagopore	Maldah	NORTH BENGAL.		
1'3	3'33	4'74	1'20	5'08	2'00	+2'08	82'40	78'21	+4'19	2'5	1'7	Rungpore	Dinagopore			
0'7	0'21	3'12	1'03	5'43	3'87	+1'56	118'25	116'02	+2'23	3'6	2'9	Julpore	Rungpore			
4'3	0'03	2'10	1'78	5'01	4'33	+0'68	150'01	124'03	+25'98	4'0	3'7	Darjeeling	Julpore	NORTH BENGAL.		
1'7	Nil	Nil	0'31	1'12	1'07	+0'05	82'00	68'78	+13'22	0'0	1'1	Purneah	Cooch Behar			
0'0	Nil	Nil	0'33	0'07	0'57	0	62'55	48'01	+14'54	0'0	0'0	Mozufferpore	Darjeeling Hill Districts			
0'0	Nil	Nil	0'20	0'00	0'00	+0'00	63'80	44'48	+19'32	0'0	0'0	Darbhanga	Purneah	NORTH BENGAL.		
0'0	0'00	0'01	0'29	0'01	0'08	+0'13	62'07	47'03	+15'04	0'5	0'5	Motihari	North Bhagulpore			
0	Nil	Nil	0'08	0'42	0'18	+0'24	63'64	42'41	+21'23	0'0	0'4	Chupra	Mozufferpore			
0	Nil	Nil	0'03	0'72	0'15	+0'57	57'00	40'40	+16'60	0'0	0'1	Buxar	Darbhanga	SOUTH BENGAL.		
0	Nil	Nil	0'06	0'00	0'23	+0'43	67'18	41'24	+25'94	0'0	0'2	Gya	Shahabad			
0	Nil	Nil	0'06	0'20	0'23	+0'04	63'40	41'20	+22'20	0'0	0'3	Bankipore	Arrah			
1'0	Nil	Nil	0'14	0'75	0'80	+0'05	62'31	43'40	+18'91	0'0	0'4	Bhagulpore	Gya	SOUTH BENGAL.		
0	Nil	Nil	0'25	1'10	0'05	+0'05	73'51	50'54	+22'97	0'0	0'7	Doomka	South Bhagulpore			
0	Nil	Nil	0'09	0'23	0'23	0	59'13	51'75	+7'38	0'0	0'3	Hazaribagh	Moaghly			
0	Nil	Nil	0'17	0'23	0'29	+0'06	51'20	40'74	+10'46	0'0	0'6	Ranehee	Sonthal Pergunnahs	CENTRAL NAG-PUR.		
0	Drops	0'02	0'10	0'10	0'71	-0'61	44'11	54'04	-9'93	1'0	0'5	Chyellama	Manbhoom			
												Singbhoom				

The variations are negative when the mean for the week is less than the corresponding normal mean, and positive when greater.
The cloud amount represents the part of the sky covered, the whole sky being denoted by 10. Under the head "District observations of rainfall," the normal mean
The means of the district are the numerical averages of the rainfall return received in the district, i.e., from the total rainfall at the sub-divisional

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 29th of April 1887.

Meteorological division.	District.	Station.	RAINFALL.							TOTAL.		Total rain-fall since 1st of month.	Average total rain-fall from 1st of month.	Total rain-fall since 15th May 1886.	Average rain-fall per 100 sq. m.
			Saturday, 29th April.	Sunday, 30th April.	Monday, 29th April.	Tuesday, 30th April.	Wednesday, 27th April.	Thursday, 28th April.	Friday, 29th April.	Number of rainy days.	of Rainfall week.				
ORISSA	Purora	Purora	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.03	55.18	1.00
		Khurda	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.23	0.72	61.61	1.00
		Baupur	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.44	0.57	60.37	1.00
		False Point	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	60.29	1.00
		Pepta	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	?	1.00
	Cuttack	Jagatsinghpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.50	0.73	70.16	1.00
		Banki	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.40	0.44	61.96	1.00
		Cuttack	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.30	1.40	70.04	1.00
		Kendrapara	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.00	1.18	56.44	1.00
		Juapora	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.60	1.05	60.10	1.00
	Balasore	Dharmasalla	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.37	?	65.16	1.00
		Salipore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.35	?	?	1.00
		Chandbali	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.13	1.10	55.14	1.00
		Bhuddruck	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	3.05	1.71	6.20	1.00
		Sorah	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.26	1.74	61.97	1.00
	Midnapore	Balasore	.....	.....	.....	.....	.....	.....	0.24	0.08	0.32	0.72	1.20	61.73	1.00
		Jellinsore	.....	.....	.....	.....	.....	.....	0.80	0.80	1.60	1.00	1.27	56.23	1.00
		Baripodda	.....	.....	.....	.....	.....	.....	.....	0.35	1	0.35	1.37	41.06	1.00
		Contai	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.16	1.52	65.40	1.00
		Sunder Island	.....	.....	.....	.....	.....	.....	.....	0.30	1	0.30	1.58	47.06	1.00
SOUTH-WEST BENGAL.	24-Perkunnab	Tumlook	.....	.....	.....	.....	.....	.....	.....	0.27	1	0.27	2.24	35.70	1.00
		Midnapore	.....	.....	.....	.....	.....	.....	.....	0.27	1	0.27	2.20	54.82	1.00
		Ghatul	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.30	?	42.87	1.00
		Deog	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.30	?	48.90	1.00
		Dhagwanpore	.....	.....	.....	.....	.....	.....	.....	0.23	1	0.23	0.23	44.73	1.00
	Diamond Har-	Garbeta	.....	.....	.....	.....	.....	.....	.....	0.35	1	0.35	2.57	5.35	1.00
		bour	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.40	2.39	54.63	1.00
		Canning Town	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.08	?	6.20	1.00
		Alipore Jail	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.50	1.06	60.03	1.00
		Barrackpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.08	1.02	60.03	1.00
	Howrah	Dum-Dum	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.44	1.80	55.85	1.00
		Barnat	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.14	1.05	64.63	1.00
		Buseerhat	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.87	1.84	71.22	1.00
		Howrah	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.24	2.01	55.08	1.00
		Mohurra	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.50	1.27	57.35	1.00
	Hooghly	Hooghly	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.17	1.74	61.80	1.00
		Jehanabad	.....	.....	.....	.....	.....	.....	.....	0.27	1	0.27	3.16	67.43	1.00
	Burdwan	Culina	.....	.....	.....	.....	.....	.....	.....	0.08	1	0.08	1.54	57.72	1.00
		Burdwan	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.27	2.32	60.42	1.00
		Culina	.....	.....	.....	.....	.....	.....	0.22	1	0.22	1.48	1.59	54.12	1.00
	Bankura	Ranagunge	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.87	1.10	68.54	1.00
		Manik	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.80	?	65.50	1.00
		Bankura	.....	.....	.....	.....	.....	.....	.....	0.32	1	0.32	2.48	71.44	1.00
		Bishnupore	.....	.....	.....	.....	.....	.....	.....	0.22	1	0.22	1.75	5.61	1.00
		Mahara	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.70	0.70	50.72	1.00
		Khatra	.....	.....	.....	.....	.....	.....	.....	0.45	1	0.45	1.30	55.00	1.00
		Lodas	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.52	?	62.00	1.00
		Kotulpore	.....	.....	.....	.....	.....	.....	.....	0.27	1	0.27	2.30	40.83	1.00
		Anda	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.80	?	41.00	1.00
		Gaugajukhati	.....	.....	.....	.....	.....	.....	.....	0.45	1	0.45	1.25	58.77	1.00
	Beerbhoom	Rupore	.....	.....	.....	.....	.....	.....	.....	0.35	1	0.35	1.14	67.18	1.00
		Sonamukhi	.....	.....	.....	.....	.....	.....	.....	0.30	1	0.30	1.32	60.51	1.00
		W. Soory	.....	.....	.....	.....	.....	.....	0.02	1	0.02	1.50	0.80	71.40	1.00
		Hatnampore	.....	.....	.....	.....	.....	.....	.....	0.40	1	0.40	1.77	70.43	1.00
		Rampore Haug	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	2.00	1.47	71.00	1.00
	Nuddea	Bolpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.42	?	67.94	1.00
		Ranaghat	.....	.....	.....	.....	.....	.....	.....	0.16	1	0.16	1.23	55.39	1.00
		Kishinagar	.....	.....	.....	.....	.....	.....	.....	0.75	1	0.75	1.18	5.43	1.00
		Choudanga	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.88	2.71	61.44	1.00
	Khoolna	Moherpore	.....	.....	.....	.....	.....	.....	.....	0.24	1	0.24	1.74	61.44	1.00
		Kooshtea	.....	.....	.....	.....	.....	.....	.....	0.65	1	0.65	0.62	73.82	1.00
		Satkhira	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.23	2.04	61.78	1.00
	Jessore	Bugleah	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	3.10	5.83	1.00
		Khoolna	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.36	8.17	50.91	1.00
		Narail	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.25	3.23	55.53	1.00
		Jessore	.....	.....	.....	.....	.....	.....	.....	0.06	1	0.06	0.37	6.00	1.00
	Moorshedabad	Jhansda	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.37	3.84	65.01	1.00
		Mugraha	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.75	3.43	60.02	1.00
		Bongong	.....	.....	.....	.....	.....	.....	.....	0.35	1	0.35	0.64	57.54	1.00
		Kandi	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.23	1.45	58.52	1.00
		Berhampore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.87	1.03	64.10	1.00
		Lalbagh	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.25	1.04	65.80	1.00
	Chittagong	Azingunge	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.58	1.31	60.86	1.00
		Jungpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.00	1.16	70.04	1.00
		Lalga	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.11	1.16	62.40	1.00
		Akhrajan	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.45	?	?	1.00
		Cox's Bazar	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	3.40	136.70	1.00
EAST BENGAL.	Chittagong	Chittagong	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	3.00	130.43	1.00
		Kutubdia	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	122.57	1.00
		Satkanya	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	118.00	1.00
		Rangamati	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	3.17	106.51	1.00
	Chittagong Hill Tracts.	Kawa	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	3.08	89.76	1.00
		Patuakhali	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	?	1.00
	Meckongungo	Patuakhali	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.10	2.70	85.44	1.00
		Poranipore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	2.05	81.76	1.00
		Burman	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	2.43	3.25	70.35	1.00
		Bhola	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.40	3.67	82.00	1.00

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 29th of April 1887—contd.

Meteorological Division.	District.	Station.	RAINFALL.							TOTAL		Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 15th May 1886.	Average rainfall from 15th May to date.
			Saturday, 23rd April.	Sunday, 24th April.	Monday, 25th April.	Tuesday, 26th April.	Wednesday, 27th April.	Thursday, 28th April.	Friday, 29th April.	Number of rainy days.	Height of rainfall in inch.				
EAST BENGAL—contd.	Sunderbans	Gournadhi	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.28	.....	60.82	.....
		Bauphal	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.08	.....	87.83	.....
		Noakholly	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.24	3.08	110.13	110.02
		Barishpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.53	4.02	134.69	116.73
	Sunderbans	Ramganj	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.55	.....	147.41	.....
		Madaripore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.86	.....	100.42	.....
		Purrodpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	.....	3.03	72.28	63.88
	Dacca	Goalundo	.....	.....	.....	.....	.....	.....	.....	0.02	1	0.38	3.02	63.76	66.09
		Munshigunge	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.29	3.60	63.08	69.51
		Dacca	.....	.....	.....	.....	.....	.....	.....	1	0.25	1.11	4.74	101.91	80.48
		Narainkunge	.....	.....	.....	.....	.....	.....	.....	1	1.12	2.33	4.21	71.87	66.75
	Hill Tipperah	Munshikunge	.....	.....	.....	.....	.....	.....	.....	1	0.32	1.17	4.36	100.17	62.54
		Joydebpore	.....	.....	.....	.....	.....	.....	.....	2	0.51	1.38	3.81	63.84	57.50
		Agartola	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.06	.....	70.82	.....
		Comilla	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	4.87	3.00	78.10	74.54
	Tipperah	Chandpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.80	4.30	94.13	84.02
		Brahmanbaria	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.10	4.00	94.15	84.57
		Ramchandrapore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.78	4.50	78.01	73.36
		Nasirnagar	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.52	.....	72.03	.....
	Memedinipur	Bandkandi	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.10	.....	63.57	.....
		Kasba	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	.....	.....	77.02	.....
		Laksham	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	.....	.....	74.39	.....
		Kishoreganj	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	.....	.....	92.51	.....
	Memedinipur	Atia (Tangail)	.....	.....	.....	.....	.....	.....	.....	1	0.17	3.18	4.52	81.07	74.60
		Mymensingh	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.28	3.15	100.17	62.10
		Jamalsore	.....	.....	.....	.....	.....	.....	.....	3	0.74	1.69	3.71	78.34	81.11
		Netrokona	.....	.....	.....	.....	.....	.....	.....	3	2.41	3.69	2.76	67.51	71.50
	Durgapore	Subornakhali	.....	.....	.....	.....	.....	.....	.....	3	1.26	2.50	3.01	87.15	76.07
		Durgapore	.....	.....	.....	.....	.....	.....	.....	3	0.72	1.69	.....	53.84	.....
		Dewanganj	.....	.....	.....	.....	.....	.....	.....	3	3.48	4.25	.....	.....	.....
		Dewanganj	.....	.....	.....	.....	.....	.....	.....	3	2.31	3.47	.....	60.28	.....
NORTH BENGAL	Pubna	Pubna	.....	.....	.....	.....	.....	.....	.....	1	0.25	1.24	1.00	70.25	59.08
		Sorsogunge	.....	.....	.....	.....	.....	.....	.....	1	0.43	1.02	1.30	63.22	67.37
	Hugra	Sherpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	.....	1.31	71.30	61.56
		Nowkhilla	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.72	1.85	68.05	67.34
		Bokra	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.2	2.15	70.82	65.65
		Panchbibi	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	.....	1.85	73.13	65.78
	Sajshaye	Beaulah	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.61	1.10	65.87	65.86
		Sattore	.....	.....	.....	.....	.....	.....	.....	1	0.80	0.80	1.00	61.09	69.00
		Nowgong	.....	.....	.....	.....	.....	.....	.....	1	0.7	0.71	.....	74.11	.....
		Lalpor	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	.....	.....	65.40	.....
	Manda	Manda	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.85	.....	68.63	.....
		Chanchal	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	2.12	0.88	76.27	64.64
		Gajol	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.53	0.88	64.25	60.20
		Sibganj	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.42	.....	68.04	.....
	Dinagopore	Mohadebpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.29	.....	68.10	.....
		Churamon	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.75	1.08	81.30	67.52
		Raigunge	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.52	0.52	68.18	67.14
		Dinagopore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.40	0.40	65.6	64.84
	Kumargur	Haloorkhat	.....	.....	.....	.....	.....	.....	.....	1	0.07	0.87	1.45	71.25	64.56
		Shawanigunge	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.24	0.76	67.44	64.04
		(Gyabanda)	.....	.....	.....	.....	.....	.....	.....	2	3.18	4.70	2.34	62.07	65.70
		Raigunge	.....	.....	.....	.....	.....	.....	.....	3	3.53	4.51	2.72	78.45	77.85
	Jalpaiguri	Kurigram	.....	.....	.....	.....	.....	.....	.....	4	11.75	11.07	3.80	103.14	70.35
		Bagdoura	.....	.....	.....	.....	.....	.....	.....	1	0.48	0.61	3.01	84.74	65.70
		(Niphamsari)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		Ulipore	.....	.....	.....	.....	.....	.....	.....	3	5.30	7.46	.....	81.72	.....
	Oooch Behar	Julmukore	.....	.....	.....	.....	.....	.....	.....	2	0.31	2.26	3.58	139.84	121.10
		Alipore Doar	.....	.....	.....	.....	.....	.....	.....	5	5.19	7.87	.....	140.49	.....
		Fallacotta	.....	.....	.....	.....	.....	.....	.....	5	1.77	4.01	.....	105.68	.....
		Debiganj	.....	.....	.....	.....	.....	.....	.....	3	0.24	3.50	.....	.....	.....
	Dumkhat	Dumkhat	.....	.....	.....	.....	.....	.....	.....	4	4.34	6.89	3.05	101.42	101.45
		Oooch Behar	.....	.....	.....	.....	.....	.....	.....	4	1.92	4.15	4.04	117.25	125.20
		Mickhunge	.....	.....	.....	.....	.....	.....	.....	4	4.21	5.07	8.61	124.44	125.20
		Matabhanga	.....	.....	.....	.....	.....	.....	.....	4	4.83	7.09	8.54	125.20	125.53
	Darjeeling Hill	Buza	.....	.....	.....	.....	.....	.....	.....	3	3.50	7.71	8.68	241.28	204.49
		Silghuri	.....	.....	.....	.....	.....	.....	.....	2	0.55	4.49	1.00	162.77	160.80
		Darjeeling	.....	.....	.....	.....	.....	.....	.....	6	0.10	5.33	4.25	123.03	115.89
		Kalimpoung	.....	.....	.....	.....	.....	.....	.....	5	3.65	6.15	2.47	81.05	66.26
NORTH BENGAL	Purnea	Kisongunge	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.10	1.32	108.55	60.55
		Arrah	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.28	1.35	92.01	61.08
		Purnea	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.48	1.32	85.38	61.87
		Gondwara	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	.....	.....	.....	.....
	North Bhagalpur	Balarumpore	.....	.....	.....	.....	.....	.....	.....	1	0.05	1.07	.....	80.91	.....
		Matari	.....	.....	.....	.....	.....	.....	.....	1	0.55	.....	.....	.....	.....
		Kaliganj	.....	.....	.....	.....	.....	.....	.....	1	0.32	.....	.....	.....	.....
		Madanpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.06	0.80	61.00	57.31
	North Bhagalpur	Neopool	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	2.05	0.55	62.16	48.48
		Protaganj	.....	.....	.....	.....	.....	.....	.....	1	0.32	2.09	.....	75.13	.....
		Tajpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.02	0.30	74.61	42.87
		Durounga	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.05	0.51	58.64	46.89
	North Bhagalpur	Madhubani	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.70	0.94	68.71	65.47
		Nahara	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.64	.....	70.10	.....
		Kushera	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.45	.....	71.79	.....
		Siemari	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.20	1.00	68.09	47.03
	North Bhagalpur	Madanpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.02	0.52	60.02	46.75
		Hajpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.08	0.18	60.47	62.51
		Paru	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.13	.....	61.40	.....
		Mahua	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	.....	.....	60.20	.....
	North Bhagalpur	Siuhar	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.45	.....	60.32	.....
		Papri	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.25	.....	60.79	.....
		Mothari	.....	.....	.....	.....	.....	.....	.....	1	0.03	0.52	0.66	54.09	47.51
		Bettiah	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.82	0.71	70.06	40.10
	North Bhagalpur	Bagaha	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.48	.....	63.38	.....
		Barhara	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.79	.....	61.44	.....

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 29th of April 1887—*consolid.*

Met. orological Division.	District.	Station.	RAINFALL.						TOTAL.		Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 1st May 1886.	Average rainfall from 1st May to date.
			Sunday, 28th April.	Monday, 29th April.	Tuesday, 30th April.	Wednesday, 1st May.	Thursday, 2nd May.	Friday, 3rd May.	Number of rainy days.	of Rainfall week.				
NORTH BEHAR —consolid.	Muzaffarpur	Gopalgunge	0.47	0.08	0.70	0.25	0.41	0.25	5	0.47	0.47	0.47	0.47	0.47
		Sawai	0.15	0.25	0.35	0.25	0.25	0.25	5	0.15	0.15	0.15	0.15	0.15
SOUTH BEHAR	Shahabad	Chhapra	0.53	0.21	0.85	0.21	0.21	0.21	5	0.53	0.53	0.53	0.53	0.53
		Buxar	0.53	0.16	0.69	0.16	0.16	0.16	5	0.53	0.53	0.53	0.53	0.53
	Gya	Deoria	0.65	0.00	0.65	0.00	0.00	0.00	2	0.65	0.65	0.65	0.65	0.65
		Raniganj	1.21	0.12	1.33	0.12	0.12	0.12	5	1.21	1.21	1.21	1.21	1.21
		Arrah	0.11	0.22	0.33	0.22	0.22	0.22	5	0.11	0.11	0.11	0.11	0.11
		Muzaffarpur	Nil	?	2.30	?	?	?	3	Nil	?	?	?	?
		Surungabad	0.69	0.31	1.00	0.31	0.31	0.31	5	0.69	0.69	0.69	0.69	0.69
		Gya	0.30	0.30	0.60	0.30	0.30	0.30	5	0.30	0.30	0.30	0.30	0.30
		Nowadah	0.00	0.20	0.20	0.20	0.20	0.20	5	0.00	0.00	0.00	0.00	0.00
		Jehanabad	0.61	0.12	0.73	0.12	0.12	0.12	5	0.61	0.61	0.61	0.61	0.61
		Arwal	0.30	?	0.30	?	?	?	3	0.30	0.30	0.30	0.30	0.30
		Daudnagar	0.20	?	0.20	?	?	?	3	0.20	0.20	0.20	0.20	0.20
		Shahganj	Nil	?	0.100	?	?	?	2	Nil	?	?	?	?
		Kajuli	0.40	?	?	?	?	?	3	0.40	0.40	0.40	0.40	0.40
		Pakri Barawan	Nil	?	0.40	?	?	?	3	Nil	?	?	?	?
	Patna	Patna	0.13	0.25	0.38	0.25	0.25	0.25	5	0.13	0.13	0.13	0.13	0.13
		Dinapore	0.20	0.25	0.45	0.25	0.25	0.25	5	0.20	0.20	0.20	0.20	0.20
		Behar	0.35	0.25	0.60	0.25	0.25	0.25	5	0.35	0.35	0.35	0.35	0.35
		Rarua	0.20	0.15	0.35	0.15	0.15	0.15	5	0.20	0.20	0.20	0.20	0.20
		Bickram	Nil	?	?	?	?	?	3	Nil	?	?	?	?
		Hilsa	0.40	?	?	?	?	?	3	0.40	0.40	0.40	0.40	0.40
	Monghyr	Bugoverai	0.02	0.30	0.32	0.30	0.30	0.30	5	0.02	0.02	0.02	0.02	0.02
		Monghyr	1.20	0.35	1.55	0.35	0.35	0.35	5	1.20	1.20	1.20	1.20	1.20
		Jamui	0.54	0.45	0.99	0.45	0.45	0.45	5	0.54	0.54	0.54	0.54	0.54
		Gopri	0.05	?	0.05	?	?	?	3	0.05	0.05	0.05	0.05	0.05
	South Bhagalpore.	Shankarpore	Nil	?	0.100	?	?	?	3	Nil	?	?	?	?
		Bhagalpore	0.07	0.75	0.82	0.75	0.75	0.75	5	0.07	0.07	0.07	0.07	0.07
		Barua	0.31	0.64	0.95	0.64	0.64	0.64	5	0.31	0.31	0.31	0.31	0.31
		Kalyang	2.10	?	2.10	?	?	?	3	2.10	2.10	2.10	2.10	2.10
	Sonthal Pergunahs.	Hajmeha	0.02	1.00	1.02	1.00	1.00	1.00	5	0.02	0.02	0.02	0.02	0.02
		Godda	2.78	0.31	3.09	0.31	0.31	0.31	5	2.78	2.78	2.78	2.78	2.78
		Paxur	1.04	0.39	1.43	0.39	0.39	0.39	5	1.04	1.04	1.04	1.04	1.04
		Nya Dooinka	0.17	0.06	0.23	0.06	0.06	0.06	5	0.17	0.17	0.17	0.17	0.17
		Deokhar	1.31	0.08	1.39	0.08	0.08	0.08	5	1.31	1.31	1.31	1.31	1.31
		Jamui	1.18	0.02	1.20	0.02	0.02	0.02	5	1.18	1.18	1.18	1.18	1.18
		Samra	1.45	?	1.45	?	?	?	3	1.45	1.45	1.45	1.45	1.45
		Nandhat	0.40	?	?	?	?	?	3	0.40	0.40	0.40	0.40	0.40
CHUTIA TAG PUR.	Hazratnagar	Pachamra	0.02	0.40	0.42	0.40	0.40	0.40	5	0.02	0.02	0.02	0.02	0.02
		(Gardh)	?	?	?	?	?	?	3	?	?	?	?	?
		Hazratnagar	0.27	0.34	0.61	0.34	0.34	0.34	5	0.27	0.27	0.27	0.27	0.27
		Semtaipur	0.25	0.22	0.47	0.22	0.22	0.22	5	0.25	0.25	0.25	0.25	0.25
		Manohar Hill	0.32	0.03	0.35	0.03	0.03	0.03	5	0.32	0.32	0.32	0.32	0.32
		Jhoomra Hill	Nil	?	?	?	?	?	3	Nil	?	?	?	?
		Barhi	1.30	?	1.30	?	?	?	3	1.30	1.30	1.30	1.30	1.30
		Chitra	Nil	?	?	?	?	?	3	Nil	?	?	?	?
		Karagicha	0.32	?	0.32	?	?	?	3	0.32	0.32	0.32	0.32	0.32
		Kamghar	0.02	?	?	?	?	?	3	0.02	0.02	0.02	0.02	0.02
	Lohardugga	Lohardugga	0.21	?	0.21	?	?	?	3	0.21	0.21	0.21	0.21	0.21
		Kanchi	0.50	0.01	0.51	0.01	0.01	0.01	5	0.50	0.50	0.50	0.50	0.50
		Paimow	0.25	0.31	0.56	0.31	0.31	0.31	5	0.25	0.25	0.25	0.25	0.25
		Suli	0.05	?	0.05	?	?	?	3	0.05	0.05	0.05	0.05	0.05
		Balumat	Nil	?	?	?	?	?	3	Nil	?	?	?	?
		Hosseinabad	0.15	?	0.15	?	?	?	3	0.15	0.15	0.15	0.15	0.15
		Gurwah	Nil	?	?	?	?	?	3	Nil	?	?	?	?
	Bhaktapur	Chyabasa	0.02	1.02	1.04	1.02	1.02	1.02	5	0.02	0.02	0.02	0.02	0.02
		Chakrabhar	0.18	?	0.18	?	?	?	3	0.18	0.18	0.18	0.18	0.18
		Chakraborty	1.25	?	1.25	?	?	?	3	1.25	1.25	1.25	1.25	1.25
		Baharapura	1.03	?	1.03	?	?	?	3	1.03	1.03	1.03	1.03	1.03
	Manbhoom	Parulka	0.02	0.02	0.04	0.02	0.02	0.02	5	0.02	0.02	0.02	0.02	0.02
		Gomnapore	1.46	0.00	1.46	0.00	0.00	0.00	5	1.46	1.46	1.46	1.46	1.46
		Kaphunath	0.82	?	0.82	?	?	?	3	0.82	0.82	0.82	0.82	0.82
		Baranpore	0.20	?	0.20	?	?	?	3	0.20	0.20	0.20	0.20	0.20
		Jhalda	2.51	?	2.51	?	?	?	3	2.51	2.51	2.51	2.51	2.51
		Chas	1.30	?	1.30	?	?	?	3	1.30	1.30	1.30	1.30	1.30

Explanation.—Indicates that the rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting, the corresponding spaces in the total rainfall column are left blank.

CALCUTTA, the 22nd April 1887.

**SUMMARY OF THE RAINFALL AND METEOROLOGICAL OBSERVATIONS
TAKEN IN BENGAL FOR THE WEEK ENDING FRIDAY, THE 29TH OF
APRIL 1887.**

During the previous week a rapid increase in the intensity of the hot weather conditions had taken place in Bengal. A rapid fall of the barometer had also occurred, which had been greatest in the neighbourhood of the hills in North Bengal. In fact, at the commencement of the present week, pressure was comparatively low at many of the North Bengal stations, though perhaps the low pressure area could scarcely be called a distinct barometric depression. This low pressure area was apparently gradually filled up, and towards the close of the week under review pressure became comparatively low over parts of Western and Central Bengal, the band of low pressure still stretching towards North Bengal. This distribution of pressure has caused the wind system blowing over the province to be somewhat unusual. South-westerly winds have prevailed over practically the whole of Orissa and South-West Bengal, and even in parts of East Bengal, the prevailing wind direction for the whole of the week at Jessore having been westerly, while even at Noakholly south-westerly winds were reported on every day of the week. In East Bengal winds have been generally south, in North Bengal south-east, and in Bihar usually easterly, and finally in Chutia Nagpur winds have been westerly and south-westerly. Owing probably to the rapid increase in temperature which had taken place in the previous week, and to the high temperatures which obtained at the commencement of the present week, and which were giving unusually large differences of temperature, and perhaps also to the distribution of pressure above described, a very rapid increase in the strength of the southerly winds blowing at the head of the Bay took place, and particularly during the middle and towards the close of the week these winds were of most unusual force. This is shown by the fact that the wind velocity at Saugor Island for the whole week has averaged more than 20 miles an hour, while on the 23rd and 29th it averaged 23 miles an hour; also at Calcutta for the same days the wind velocity averaged 15 miles an hour, while at False Point and Gopalpore it averaged about 10 miles an hour. At the same time the moisture brought up by the strong sea winds commenced to give heavy rain over parts of North and East Bengal, and some districts of these divisions received copious rainfall towards the close of the week, while on the last day, owing to the slightly disturbed conditions above alluded to having passed towards Central Bengal, rain showers became rather frequent in parts of Central and South-West Bengal.

Pressure.—Variations during the week have been decidedly large. Following on the rapid fall of the barometer in the previous week there was a rapid increase, on the 23rd, generally amounting to from a tenth to a twentieth of an inch; a further considerable general rise took place on the 24th and 25th, but this was then succeeded by a fall which lasted till the close of the week, the fall being brisk on the 27th, when at some stations it almost equalled a tenth of an inch. Such rapid fluctuations as these always show that atmospheric conditions are unsettled, and that this was the case has been previously shown by the occurrence of heavy rainfall over parts of the province. Though the fluctuations of pressure during the week have thus been large, the variations of the mean pressure from the normal for the week are comparatively small, and the largest (trustworthy) variations are an excess of about two hundredths of an inch at False Point, Chitragong and Dacca. At most stations the variations of the mean pressure from the normal do not amount to more than a few thousandths of an inch.

Temperature.—The changes of temperature have not been so large during the present week as they were in the former one. At the commencement, usually, temperature was very high over the whole province, it then in many cases fell during the middle of the week, and rose again during the last two days. At other stations, particularly those in the western districts, temperature has risen steadily almost throughout the week. Generally speaking the mean temperature of the whole province for the week has been about one degree above the normal, but the distribution has been a little unequal; for while the temperature of South-West and East Bengal and of Chutia Nagpur has been about 2° above the normal, over the remainder of the province an almost normal temperature has prevailed. The excess temperature has again been more noticeable in the night or minimum temperatures than in the day temperatures. This can be seen in the table below, which gives the temperature data for eight representative stations, and in these cases, while the mean night temperature for the week has been 2° in excess of the normal, the day temperature has been only 0·3° in excess.

Table showing the excess or defect of the actual temperature from the normal for the week ending 29th April 1887.

	Normal mean minimum temperature for the week ending 29th April 1887.	Actual mean minimum temperature for the week ending 29th April 1887.	Variation of actual from normal.	Normal mean minimum temperature for the week ending 29th April 1887.	Actual mean minimum temperature for the week ending 29th April 1887.	Variation of actual from normal.	Normal mean daily temperature for the week ending 29th April 1887.	Actual mean daily temperature for the week ending 29th April 1887.	Variation of actual from normal.
Cuttack	102·0	101·7	—0·3	78·2	80·3	+2·0	80·1	80·9	+0·8
Calcutta	95·3	94·8	—0·4	76·5	78·5	+2·0	85·9	86·7	+0·8
Burdwan	100·4	101·7	+1·3	76·1	77·3	+1·2	88·3	89·5	+1·2
Dacca	92·4	94·3	+1·9	74·0	77·7	+3·7	83·2	86·0	+2·8
Purneah	97·9	95·8	—2·1	70·3	71·6	+1·3	81·1	83·7	+2·6
Bankipore	102·8	102·5	—0·3	73·4	73·3	—0·1	84·3	87·0	+2·7
Bazariabagh	99·4	101·5	+2·1	72·7	75·1	+2·4	86·1	88·3	+2·2
Darjeeling	60·5	61·1	+0·6	46·1	46·3	+0·2	53·3	55·7	+2·4

Some very high maximum temperatures have been reported during the week, and thus in Orissa, at Cuttack, maximum temperature was 108.4° on the 23rd; in South-West Bengal, at Ranigunge, on the 28th, temperature was 109.1° ; in South Behar, at Gya, on the 26th, it was 107.6° , and in Chutia Nagpur, at Ranchi, on the 28th, it was 105° . The highest maximum temperature registered at Calcutta during the week was 101.9° on the 23rd.

Rainfall.—Owing to the disturbed conditions above described, considerable amounts of rain have fallen in parts of North Bengal and in some of the districts in East Bengal during the greater part of the week, while on the 29th showers were reported in Central and South-West Bengal. The heaviest and most general rainfall has occurred in the districts near the hills in the north and east of the province. Thus the district of Rungpore reports an average fall of 4.74 inches, that of Julpigoree one of 3.12 inches, and the Darjeeling district a fall of 2.10 inches. Again, in the Mymensingh district there has been a general fall of 0.92 inch, and in the Dacca district a fall of 0.57 inch. The other localities which have received moderate amounts of rain are the districts of Midnapore, Baccorah, Krishnagur, Furreedpore, Serajgunge and Rampore Bauleah. At some stations in North Bengal the falls have been particularly heavy, and thus at Kurigram in the Rungpore district 11.75 inches of rain fell during the week—6.65 inches falling on the 27th and 3.02 inches on the 28th, making a total of nearly ten inches of rain in two days. The following are also some heavy falls which have been reported:—On the 23rd instant, at Alipore Doar (Julpigoree district) 3 inches, at Meckligunge (Cooch Behar districts) 2.89 inches, and at Kalimpong (Darjeeling district) 1.92 inches; on the 25th at Buxa (Darjeeling Hills) 3.20 inches; on the 27th at Bhawanigunge (Rungpore district) 2.58 inches, at Ulipore (Rungpore district) 2.65 inches, at Dinhatta (Cooch Behar district) 2.64 inches, and at Matabhanga (Cooch Behar district) 2.15 inches, and on the 29th at Durgapore (Mymensing district) 2.66 inches.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Friday, the 29th of April 1887:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.							RAINFALL.								
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.		Rainy days.			Since 1st of month.		Since 15th May 1886.		
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
Orissa	108.4	72.8	91.9	70.6	85.7	0	0.07	0.38	-0.29	0.2	0.8	-0.6	0.57	1.52	65.48	54.97
South-West Bengal ..	100.1	70.0	100.2	77.8	89.0	+1.0	0.09	0.78	-0.69	0.3	1.5	-1.2	1.10	1.94	61.40	56.32
East Bengal	95.3	70.1	91.2	70.7	83.9	+2.2	0.30	1.44	-1.14	0.6	2.2	-1.6	1.27	3.71	88.43	82.18
North Bengal	102.4	68.5	93.7	73.6	83.0	-	1.50	0.91	+0.59	1.3	1.7	-0.4	2.55	2.24	82.86	73.31
North Behar	104.5	63.4	97.9	72.8	85.2	-0.2	Nil	0.30	-0.30	0.0	0.7	-0.7	0.75	0.68	69.19	48.71
South Behar	107.6	68.8	102.1	74.3	88.2	+0.1	Nil	0.12	-0.12	0.0	0.6	-0.4	0.75	0.60	65.47	43.76
Chutia Nagpur	105.0*	69.4*	101.7*	74.0*	87.9*	+2.2*	Nil	0.12	-0.12	0.0	0.4	-0.4	0.49	0.43	54.53	61.28

* Chyebassa not included.

METEOROLOGICAL OFFICE, BENGAL;
The 2nd April 1887.

JOHN ELIOT,
Meteorological Reporter to the Govt. of Bengal.

Results of the Thermometrical Observations taken at the Meteorological Office,
Chowringhee, from 24th to 30th April 1887.

MONTH.	Date.	TEMPERATURE.				Mean wet bulb.	HYGROMETRY.			Rain.
		Mean.	Maximum.	Range.	Minimum.		Vapour tension.	Dew point.	Humidity.	
1887.		°	°	°	°	°	Inches.	°	%	Inches.
April	24th	85.7	96.2	17.0	78.3	78.8	.898	75.8	72	Nil
"	25th	86.4	95.0	16.2	78.8	76.4	.776	71.4	61	"
"	26th	85.3	94.0	16.0	78.0	77.4	.833	73.7	68	"
"	27th	85.5	94.2	16.2	78.0	78.2	.868	74.0	71	"
"	28th	86.3	95.0	15.1	79.9	78.7	.880	75.4	70	"
"	29th	87.0	95.8	16.0	79.8	79.5	.908	76.3	71	"
"	30th	83.7	95.0	21.2	73.8	78.5	.906	76.3	78	0.15

The mean temperature of the seven days ... 85.7

The extreme variation of temperature ... 22.4

The maximum temperature ... 96.2

The mean relative humidity ... 70%

The total fall of rain from 24th to 30th April 1887 ... 0.15 Inch.

The mean temperature and humidity are obtained by applying to the mean of the 10h, 16h, and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringhee, in past years.

METEOROLOGICAL OFFICE, INDIA.

The 2nd May 1887.

JOHN ELIOT,

For Meteorological Reporter to the Govt. of India.

MEMORANDUM.

DURING the week ending 16th April 1887, births and deaths were registered in the principal Municipalities in Bengal at the rates, respectively, of 18.5 and 26.7 per 1,000 of population, against 19.9 and 30.7 per 1,000, respectively, during the preceding week ending 9th April, indicating a considerable falling off in the registration of both the events, particularly of deaths.

2. The following Municipalities returned the highest proportions of births and deaths:—

Births.			Deaths.		
		Ratio per mille.			Ratio per mille.
Comillah	...	65.5	Naraingunge	...	95.2
Beaulah	...	57.8	Gya	...	52.6
Bali	...	38.6	Suburbs of Calcutta	...	49.4
Chittagong	...	37.6	Comillah	...	46.2
Durbhanga	...	30.7	Serampore	...	39.3
Naraingunge	...	29.0	Utterpara	...	37.7
			Durbhanga	...	29.9

3. The following table denotes that, as compared with the outcome of the preceding week, there was a diminution of mortality from cholera and fever, but no noticeable differences in the casualty-rates from the rest of the diseases—*vide* figures given below:—

					Ratio per mille during the weeks ending—	
					16th April 1887.	9th April 1887.
Cholera	...	...	...	...	9.4	11.2
Small-pox	...	...	...	...	2	5
Fever	...	...	...	...	7.9	9.5
Bowel-complaints	...	...	...	...	3.0	2.8
Injury	...	...	...	...	3	2
Other causes	...	...	...	...	5.9	6.5

4. Of the death-causes above named, cholera and the diseases coming under the head of "Other causes" caused the highest mortality in the following Municipalities, and the rest of them did not prove conspicuously fatal anywhere, excepting bowel-complaints, which appears to have prevailed with marked severity in the Utterpara town, where the death-rate stood at 28.3 per 1,000 of population:—

Cholera.			Other causes.		
		Ratio per mille.			Ratio per mille.
Naraingunge	...	70.4	Comillah	...	29.1
Suburbs of Calcutta	...	22.3	Naraingunge	...	16.6
Gya	...	19.8	Serampore	...	11.8
Serampore	...	16.7	Gya	...	11.6
Durbhanga	...	9.4	Puri	...	10.5
Puri	...	8.4			
Hughli	...	8.0			
Howrah	...	8.0			
Patna	...	7.5			
Dacca	...	5.2			
Monghyr	...	3.6			

5. The mortality referable to Sex, Class and Age is exhibited below:—

According to Sex.			According to Class.			According to Age.		
		Ratio per mille.			Ratio per mille.			Ratio per mille.
Males	...	26.9	Christians	...	26.1	Under 1 year	...	176.6
Females	...	26.3	Hindus	...	24.9	1 and under 5 years	...	41.7
Ratio of male deaths to every 100 female deaths	115		Mahomedans	...	30.9	5 " " 10 " "	...	17.1
			Other classes	...	36.4	10 " " 15 " "	...	10.0
						15 " " 20 " "	...	26.1
						20 " " 30 " "	...	19.2
						30 " " 40 " "	...	16.9
						40 " " 60 " "	...	18.8
						60 " " 80 " "	...	21.8
						80 years and upwards	...	65.9

B. LIDDERDALE, M.D., Deputy Surgeon-General,

The 2nd May 1887.

Sanitary Commissioner for Bengal.

MORTALITY ACCORDING TO—

Disease.

BIRTHS.

POPULATION.

DISTRICTS.
NAMES OF MUNICIPALITIES.

DISTRICTS. NAMES OF MUNICIPALITIES.	NUMBER OF—			RATIO PER 1,000 OF POPULATION PER ANNUM.			DEATHS FROM—										RATIO PER 1,000 OF POPULATION PER ANNUM.			Ratio of deaths per 1,000 of population per annum in the previous week.		DEATHS.		RATIO PER 1,000 OF POPULATION PER ANNUM.		Ratio of male deaths to every 100 female deaths.	
	Total.	Males.	Females.	Total.	Males.	Females.	Typhoid.	Small-pox.	Fever.	Bowel-complaints.	Injury.	Other diseases.	All causes.	Typhoid.	Small-pox.	Fever.	Bowel-complaints.	Injury.	Other diseases.	All causes.	Males.	Females.	Males.	Females.			
Bardwan	18,063	10,017	8,046	6	3	9	81	146	137	200	...	...	...	7	...	...	4.6	3.0	...	...	...	...	6	1	17.3	8.2	600
Midnapore	16,937	16,633	33,570	5	7	12	77	128	106	71	...	...	...	1	5	...	3.1	3.1	...	...	...	...	4	5	6.8	9.7	66
Hughli	19,179	19,539	38,718	7	6	13	94	80	174	116	...	...	...	1	16	...	9.4	2.7	...	...	...	...	5	11	13.6	29.3	46
Berampore	13,559	12,917	26,476	3	5	8	59	98	157	60	...	...	...	0	29	...	9.8	1.9	...	...	...	...	13	7	49.9	38.1	145
Howrah	3,046	2,461	5,507	...	3	3	...	283	283	No male births.	No female births.	...	...	...	1	9.1	...	...	...	...	...	...	2	2	34.1	42.2	100
Suburbs of Calcutta	58,153	37,610	95,763	22	20	42	126	114	240	119	...	...	...	3	29	...	2.3	3.4	...	...	...	...	16	13	16.7	19.1	123
Bell	7,888	6,970	14,858	3	5	11	105	281	386	37	...	...	...	1	3	...	...	...	...	...	...	5	...	...	...	...	No female deaths.
Suburbs of Calcutta	147,965	101,231	249,196	56	42	98	74	57	161	85	...	...	...	2	48	...	11.4	5.4	...	...	...	...	140	93	81.8	40.4	156
Kanaghat	13,563	14,214	27,777	6	6	12	73	114	189	68	...	...	...	4	0	...	9.5	7.3	...	...	...	...	4	5	13.7	18.3	80
Ranaghat	4,028	4,635	8,663	...	...	...	...	...	...	...	...	...	...	...	6	...	...	...	...	...	...	...	...	...	...	...	...
Sanipore	13,708	15,979	29,687	3	2	5	53	34	88	160	...	...	...	...	...	...	...	...	...	...	...	...	3	5	11.4	9.8	100
Jessore	4,820	3,985	8,805	1	...	1	61	...	61	No female births.	No female births.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rajshahye	10,766	9,025	19,791	10	12	22	27	31	57	83	...	...	...	4	11	...	18.4	...	...	...	...	...	3	8	14.6	37.1	37
Darjiling	5,429	2,047	7,476	1	3	4	65	126	191	33	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	No male deaths.
Dacca	42,782	37,379	80,161	15	9	24	97	57	155	164	...	...	...	5	29	...	6.5	3.9	...	...	...	...	11	15	17.0	29.9	83
Naraingunge	7,005	4,896	11,901	2	2	4	267	83	350	260	...	...	...	1	1	...	...	...	...	...	...	...	20	3	139.8	31.5	658
Chittagong	13,340	6,799	20,139	9	7	16	92	103	196	128	...	...	...	1	9	...	16.4	2.3	...	...	...	...	3	5	11.7	35.5	59
Tipperah	8,153	5,531	13,684	10	7	17	88	20	108	142	...	...	...	6	12	...	15.4	7.7	...	...	...	...	4	8	25.5	77.7	51
Patna	28,752	21,475	50,227	22	14	36	71	46	117	157	...	...	...	17	60	...	4.9	1.9	...	...	...	...	33	27	21.8	17.2	122
Gya	59,380	37,831	97,211	10	8	18	130	54	184	237	...	...	...	17	60	...	1.4	3.4	...	...	...	...	41	36	55.7	49.3	113
Shahabad	20,902	22,315	43,217	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mossurpore	23,064	10,658	33,722	5	4	9	49	40	89	135	...	...	...	5	5	...	...	...	...	...	...	...	...	...	...	...	No male deaths.
Durbhanga	33,774	32,322	66,096	17	20	37	134	173	307	77	...	...	...	4	38	...	11.0	5.5	...	...	...	...	16	22	24.6	33.4	72
Saran	20,041	27,405	47,446	3	3	6	39	29	68	100	...	...	...	1	5	...	1.9	...	...	...	...	...	...	...	...	...	...
Bhagalpur	26,610	27,818	54,428	13	15	28	128	103	231	56	...	...	...	7	28	...	1.4	2.7	...	...	...	...	13	15	22.4	25.0	65
Meachyr	28,154	20,666	48,820	15	17	32	137	134	271	88	...	...	...	5	25	...	10.9	2.7	...	...	...	...	7	14	12.0	31.9	96
Purneah	8,493	6,353	14,846	6	2	8	39	69	108	300	...	...	...	...	...	...	10.4	...	...	...	...	...	2	1	12.3	7.9	36
Poori	13,247	11,537	24,784	2	1	3	12	21	33	260	...	...	...	...	...	...	...	...	...	...	...	...	4	8	15.7	36.1	260
TOTAL	702,899	619,691	1,322,590	242	223	465	87	97	184	100	...	...	...	8	150	...	7.9	3.0	...	...	...	...	314	264	38.9	26.7	113

Special census of the Europeans in the Darjiling Municipality was recently taken, as the census of this section of the community, taken in February 1881, was not reliable owing to the Europeans being at a minimum in that month. The number of the natives are, as it was not necessary to re-census them. The ratios have consequently been calculated on the revised population under all heads in the above table, except "Age," the ratios under which have been omitted, inasmuch as the census of the Europeans is not to be employed as a basis of calculation; owing to the results of the census under this head not having been recorded under the authorized form of age classification.

[illegible]

**R. R. LUDERHIALE, M.D., Deputy Surgeon-General,
Sanitary Commissioner for Food &c.**

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

SOUTH-WESTERN CIRCLE.

ORISSA COAST CANAL.

LENGTH OF CANAL OPEN, 91 MILES.

Statement showing Quantities of Goods carried during the month of March 1887.

No. of Boats		DESCRIPTION.	TOTAL GOVERNMENT AND PRIVATE.				PRIVATE.		REMARKS.
			Quantity.		Value.	Quantity.	Value.		
			Up.	Down.				Tons.		Rupees.
46	1. Grain	...	4,016	40	4,056	1,18,619	4,056	1,18,619	
	2. Cotton	...	.....			.....
	3. Oilseeds	...	...			.....
84	4. Salt	...	1	286	287	16,432	287	16,432	
0	5. Piece goods	...	.....	26	26	12,400	26	12,400	
	6. Metal	...	.....				
14	7. Building materials	...	59	27	86	1,777	27	1,635	
06	8. Miscellaneous	...	112	197	309	31,086	306	30,996	
20	9. Fuel	...	3	165	168	2,176	168	2,176	
48	10. Timber	...		9 c. ft.	9 c. ft.	30	9 c. ft.	30	
	11. Bamboos	...	700 c. ft.		700 ..	33	700 ..	33	
12	12. Total	...	4,191 & 700 c. ft.	741 & 9 c. ft.	4,932 & 709 c. ft.	1,82,553	4,870 & 709 c. ft.	1,82,311	
13	13. Total of same month last year	...			2,245	81,179	2,245	81,179	

		Up.	Down.	Total.			Rs. A. P.
Total number of boats plying cargo	No.	480	548	1,028	Total tollage of month— 24+25+26		4,676 11 9
Total number of boats plying passenger	No.	21	26	47	Total tollage of same month last year		2,396 3 3
Total registered tonnage, cargo	...	7,570	3,750	11,320	Memorandum of Tollage.		
Total registered tonnage, passenger	...	43	43	86			
Total mileage	...	1,88,973	78,435	267,408			
Estimated value of cargo	Rs.	1,15,932	66,558	182,490	1. Balance not recovered on the 1st of the month		1,117 12 9
Number of passengers	...	111	103	214	2. Tollage per month		4,676 11 9
Rs. bamboos...	c. ft.	700		700	3. Total		5,824 8 6
Rs. bullahs ...	"	.....	9	9	4. Amount paid into treasury during the month		5,692 9 6
Estimated value of rafts	Rs.	83	30	63	5. Balance due at the end of the month		131 15 0
Tollage on boats	"	3,309-8-6	1,362-4-3	4,671-12-9			
Estimated tollage on boats	Rs.	1-13-0	.....	1-13-0			
Tollage on rafts	"	2-12-0	0-6-0	3-0-0			
Tollage on boats per	Rs.	.....	.....	0-0-3			
Tollage on rafts per	Rs.	.....	.....	0-7-0			

CALCUTTA,
2nd May 1887.C. W. I. HARRISON, Lieut.-Col., R. E.,
Offg. Secretary to the Government of Bengal.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

SOUTH-WESTERN CIRCLE.

CALCUTTA AND EASTERN CANALS.

Statement showing Quantities of Goods carried during the month of March 1887.

Number of boats or rafts.	DESCRIPTION.	TOTAL GOVERNMENT AND PRIVATE.				PRIVATE.	
		Quantity—Tons.		Value.	Quantity.	Value.	
		Up.	Down.	Total.	Rupees.	Tons.	Rupees.
1,745	1. Grain ...	33,272	.....	33,272	23,37,720	33,272	23,37,720
2	2. Cotton ...	64	.....	64	32,400	64	32,400
32	3. Oilseeds ...	277	14	291	37,976	291	37,976
442	4. Salt ...	540	6,940	7,480	6,28,278	7,480	6,28,278
.....	5. Piece-goods ...	.....	.....	.....	.....	.....	.....
16	6. Metal ...	65	87	152	22,292	152	22,292
186	7. Building materials ...	5,865	102	5,967	80,608	5,967	80,608
1,747	8. Miscellaneous* ...	11,227	1,107	12,334	13,06,265	12,334	13,06,265
695	9. Fuel ...	13,483	1,638	15,121	1,28,865	15,121	1,28,865
1	10. Timber ...	1 No.	.....	1 No.	40	1 No.	40
.....	11. Bamboos ...	.....	.....	...	.....	.....	.....
4,866	12. Total ... {	64,793 & 1 No.	{ 9,888 }	74,681 & 1 No.	45,74,444 {	74,681 & 1 No }	45,74,444
7,661	13. Total of same month last year ...	.....	..	77,628	49,36,137	77,628	49,36,137
		Up.	Down.	Total.	Rs.		
14.	Total number of boats plying cargo No.	4,223	613	4,866	Total tollage of month— 24 + 25 + 26 .. 45,397		
14a.	Ditto empty ditto ...	.....	.....	3,643	Total tollage of same month last year .. 43,379		
15.	Total number of boats plying passenger No.	155	4	159			
16.	Total registered tonnage, cargo ...	1,84,377	27,354	2,11,731	Memorandum of Tollage.		
17.	Total registered tonnage, passenger ...	9,925	350	10,275			
18.	Ton-mileage ..	.....	.....	..	Rs.		
19.	Estimated value of cargo Rs.	38,54,431	7,20,013	45,74,444	1. Balance not recovered on the 1st of the month 1,508		
20.	Number of passengers	839	20	859	2. Tollage per month .. 45,397		
21.	Rafts, bamboos c. ft.	.....	.....	.....	3. Total ... 46,896		
22.	Do, bullaha ..	.....	.....	.....
23.	Estimated value of rafts ...	.....	.....	.....
24.	Tollage on boats Rs.	38,696-11-6	6,700-2-6	45,397-8-0	4. Amount paid into trea- sury during th- month ... 45,410		
25.	Compounded tollage on boats Rs.	.....	.....	.....
26.	Tollage on rafts ..	.....	.....	.....
27.	Total tollage on boats per ton-mile ...	.....	.....	.....
28.	Total tollage on rafts per 100 cubic feet ...	.....	.....	.....	5. Balance due at the end of the month ... 1,57		

ARTICLES OF TRAFFIC INCLUDED IN ITEM 8 (MISCELLANEOUS).

CALCUTTA AND EASTERN CANALS.

No. of Tons of Traffic.	DESCRIPTION.	TOTAL GOVERNMENT AND PRIVATE.			PRIVATE.		REMARKS.
		Quantity—Tons.			Value.	Quantity.	
		Up.	Down.	Total.	Rupees.	Tons.	
230	(a) Jute ...	4,947	.....	4,947	4,84,817	4,947	4,84,817
68	(b) Jaggery ...	502	26	528	44,346	528	44,346
16	(c) Sugar ..	85	.....	85	17,887	85	17,887
2	(d) Tobacco ...	.....	2	2	424	2	424
492	(e) Fish ...	203	1	204	57,201	204	57,201
5	(f) Hides ...	7	.....	7	1,500	7	1,500
79	(g) Poultry ...	20	.....	20	16,985	20	16,985
176	(h) Hay and straw ...	1,412	.....	1,412	29,658	1,412	29,658
33	(j) Oils ...	.....	336	336	37,640	336	37,640
40	(k) Earthenware ...	83	3	86	1,197	86	1,197
606	(m) Other miscellaneous	3,968	739	4,707	6,14,610	4,707	6,14,610
747	Total Miscellaneous...	11,227	1,107	12,334	13,06,265	12,334	13,06,265

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

SOUTH-WESTERN CIRCLE.

TOLLY'S NULLAH.

Statement showing Quantities of Goods carried during the month of March 1887.

Number of boats or rafts.	DESCRIPTION.	TOTAL GOVERNMENT AND PRIVATE.				PRIVATE.		REMARKS.
		Quantity—Tons.			Value.	Quantity.	Value.	
		Up.	Down.	Total.	Rupees.	Tons.	Rupees.	
2,787	1. Grain ...	12,211	1	12,212	7,42,293	12,212	7,42,293	
7	2. Cotton ...	57	.....	57	28,800	57	28,800	
9	3. Oilseeds ...	62	43	105	14,012	105	14,012	
78	4. Salt ...	473	434	907	76,200	907	76,200	
.....	5. Piece-goods ...	.....	.....	.....	.....	.....	.....
28	6. Metal ...	361	.....	361	37,968	361	37,968	
413	7. Building materials	15,376	.....	15,876	16,052	15,876	16,052	
1,249	8. Miscellaneous* ...	4,365	128	4,493	3,63,558	4,493	3,63,558	
284	9. Fuel ...	4,251	.....	4,251	37,028	4,251	37,028	
2 rafts	10. Timber ...	59 No.	34 No.	93 No.	3,720	93 No.	3,720	
6 "	11. Bamboos ...	620 "	.....	620 "	78	620 "	78	
4,855 & 8 rafts	12. Total ...	37,656 & 679 No.	606 & 34 No.	38,262 & 713 No. }	13,19,709	38,262 & 713 No. }	13,19,709	
5,626	13. Total of same month last year			33,423	9,86,888	33,423	9,86,888	
		Up.	Down.	Total.				Rs. A.
14.	Total number of boats plying cargo No.	4,764	91	4,855	Total tollage of month— 24 + 25 + 26 ...			13,316 9
14a.	Ditto empty ditto ...	.....	.....	1,269	Total tollage of same month last year ...			10,250 8
15.	Total number of boats plying passenger No.	341	16	357				
16.	Total registered tonnage, cargo ...	64,248	2,544	66,792	Memorandum of Tollage.			
17.	Total registered tonnage, passenger ...	23,250	1,075	24,325				
18.	Ton-mileage ...	.....	.....	.....				Rs. A.
19.	Estimated value of cargo Rs.	12,61,496	54,415	13 15,911	1. Balance not recovered on the 1st of the month ...			423 12
20.	Number of passengers ...	2,250	71	2,321	2. Tollage per month ...			13,316 9
21.	Rafts, bamboos c. ft.	620	.....	620	3. Total ...			13,740 8
22.	Do., bullahs "	.....	.. ..	.....	4. Amount paid into treasury during the month ...			13,357
23.	Estimated value of rafts Rs.	2 438	1,360	3,798	5. Balance due at the end of the month ...			382 1
24.	Tollage on boats "	12,668-8-6	627-15-0	13,296-7-6				
25.	Compounded tollage on boats Rs.	.....	.. ..	.....	
26.	Tollage on rafts "	7-5-6	12-12-0	20-1-6				
27.	Total tollage on boats per ton-mile ...	.....	.....	.....	
28	Total tollage on rafts per 100 cubic feet ...	.....	.....	.....	

ARTICLES OF TRAFFIC INCLUDED IN ITEM 8 (MISCELLANEOUS).

TOLLY'S NULLAH.

Number of tons or bags.	Description.	TOTAL GOVERNMENT AND PRIVATE.				PRIVATE.		REMARKS.
		Quantity—Tons.			Value.	Quantity.	Value.	
		Up.	Down.	Total.	Rupees.	Tons.	Rupees.	
4	(a) Jute ...	53	.....	53	5,250	53	5,250	
132	(b) Jaggery ...	832	3	835	70,203	835	70,203	
3	(c) Sugar ...	18	.....	18	3,750	18	3,750	
10	(d) Tobacco ...	49	3	52	11,600	52	11,600	
223	(e) Fish ...	55	1	56	15,623	56	15,623	
.....	(f) Hides ...	.....	.....	.....	.....	.....	.....
2	(g) Poultry ...	.....	1	1	55	1	55	
303	(h) Hay and straw	748	.....	748	15,720	748	15,720	
57	(i) Oils ...	370	20	390	43,700	390	43,700	
137	(k) Earthenware	182	8	190	2,658	190	2,658	
378	(m) Other miscella- neous	2,058	92	2,150	1,94,999	2,150	1,94,999	
249	Total Miscellaneous ...	4,365	128	4,493	3,63,558	4,493	3,63,558	

**ABSTRACT FOR THE MONTH OF MARCH 1887 AS COMPARED WITH THE
CORRESPONDING MONTH OF THE PREVIOUS YEAR.**

	TRAFFIC, 1886-87.		TRAFFIC, 1885-86.	
	During the month.	To end of the month.	During the month.	To end of the month.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta and Eastern Canals ...	45,397 8 0	3,63,802 8 0	43,379 0 6	3,78,865 10 3
Tolly's Nullah ...	13,316 9 0	1,09,407 3 0	10,250 8 3	1,08,687 2 9
Total ...	58,714 1 0	4,73,209 11 0	53,629 8 9	4,87,552 13 0

Calcutta,
The 3rd May 1887.

C. W. I. HARRISON, *Lieut-Col., R.E.,*
Offg. Secretary to the Government of Bengal.

CIRCULAR AND EASTERN CANALS.

*Approximate return of traffic for the week ending Saturday, the 30th April 1887, compared
with the corresponding week of the previous year.*

NATURE OF CARGO.			WEEK ENDING SATURDAY, THE 30TH APRIL 1887.			WEEK ENDING SATURDAY, THE 16TH MAY 1886.		
			Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
			No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy ...	...	...	310	52,166	934	191	45,869	855
Jute ...	...	...	9	5,175	73	9	4,825	78
Firewood ...	...	...	45	18,382	272	116	67,025	938
Other articles ...	...	...	611	1,46,885	2,038	523	1,33,420	1,806
Total ...	...	...	975	2,22,608	3,317	839	2,51,139	3,677